

### MicroSwitch Description 微动开关型号说明

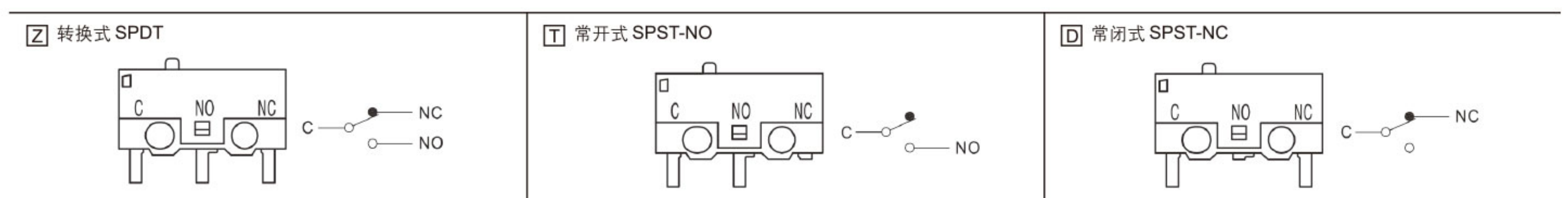
For example: IKW1-DZ3L075

IKW1	-	D	Z	3	L	075
Aibeiken Code		Ratings 额定值	Circuit 接触方式	Actuator forms 驱动方式	Terminal options 端子种类	Operating force 动作(max)
		Standard( ): 1A 125VAC C: 3(0.5)A250VAC D: 2A 125VAC E: 3A 125VAC	Z: 转换式 SPDT T: 常开(接通)式 SPST-NO D: 常闭(按断)式 SPST-NC 见说明书 See illustration	0: 无动臂 No lever A1/1: 短直臂 Short straight A2/2: 中直臂 Middle straight A3/3: 长直臂 Long straight A4/4: 短滚轮臂 Short roller A5/5: 中滚轮臂 Middle roller A6/6: 长滚轮臂 Long roller A7/7: 短弧形 Short arc A8/8: 中弧形 Middle arc A9/9: 长弧形 Long arc A10/10: 小弯 Small curved A11/11: 中弯 Middle curved A12/12: 大弯 Big curved A13/13: 三角弯 Triangular A14/14: 折弯 Bent curved B: 定制 Customize 注: 1)A 表示动臂安装在靠近按钮位置, 无字母 A 表示动臂安装在离按钮较远位置。 Note: 1)A indicate the lever near to the plunger. no A indicate the lever far away from the plunger.	P: PCB 端子 PCB terminal F: 焊接端子 Solder terminal G: 长焊接端子 Long Solder terminal L: 左侧面 PCB 端子 Left side PCB terminal R: 右侧面 PCB 端子 Right side PCB terminal S: 自固定 PCB 端子 Self-clinching PCB terminal H: 焊接小型端子 Minitype Solder terminal Y: 非标准端子 Not standard terminal	045: 0.45N 075: 0.75N 100: 1.0N 150: 1.5N 250: 2.5N 注: 指无动臂时按钮上的动作力 Note: Refers to the operating force of no lever

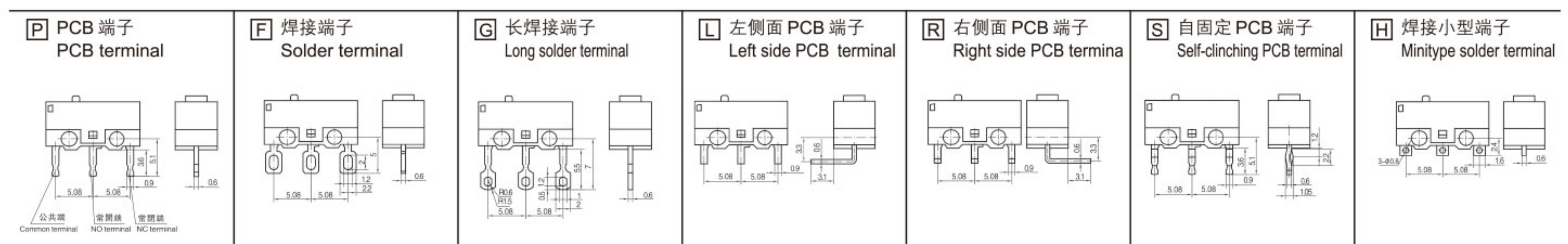
### Specifications For IKW1 Series

Project 项目	Parameter 参数	Project 项目	Parameter 参数
工作速度 Operating Speed	1~500mm/S	耐电压 Withstand Voltage	600VAC/1000VAC, 1 min
接触电阻 Contact Resistance	≤ 50~100mΩ	操作温度 Operating Temperature	-25℃ ~+75℃
绝缘电阻 Insulation Resistance	≥ 100MΩ 500VDC	电气寿命 Electric Life	≥ 10,000 Cycles
环境湿度 Ambient Humidity Used	< 85%RH	机械寿命 Mechanical Life	≥ 1000,000 Cycles

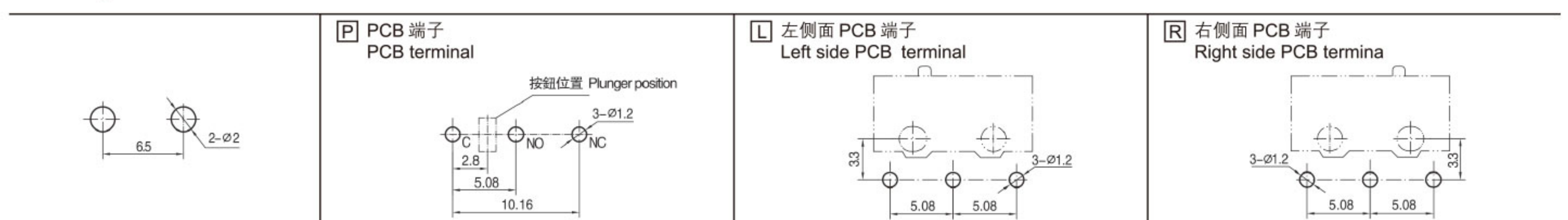
### Circuit illustration 接触形式说明图



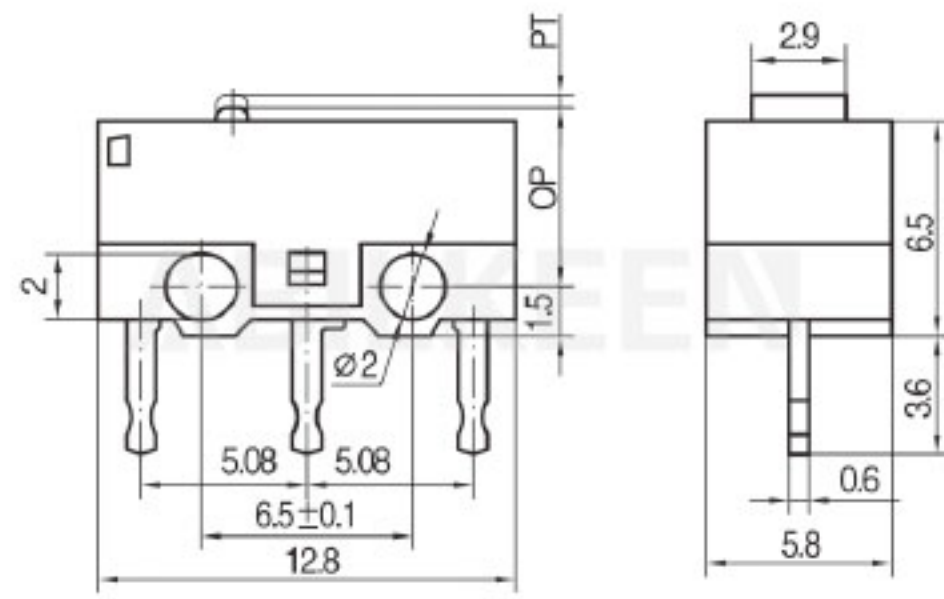
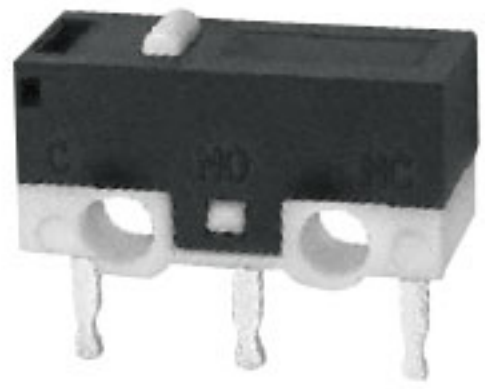
### Terminal dimensions 接线端尺寸



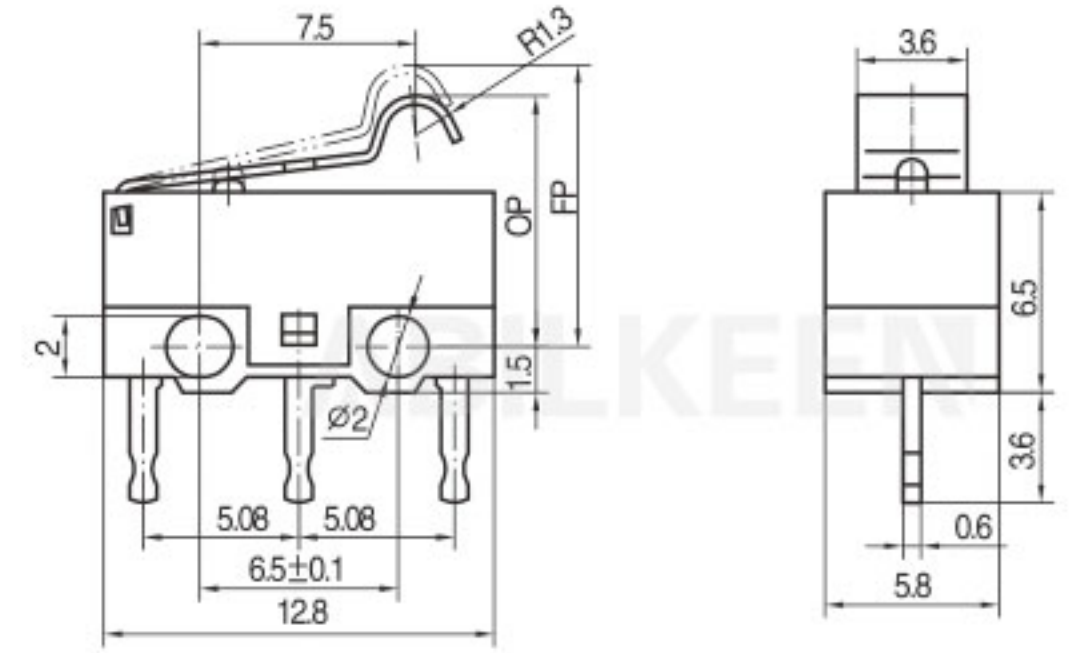
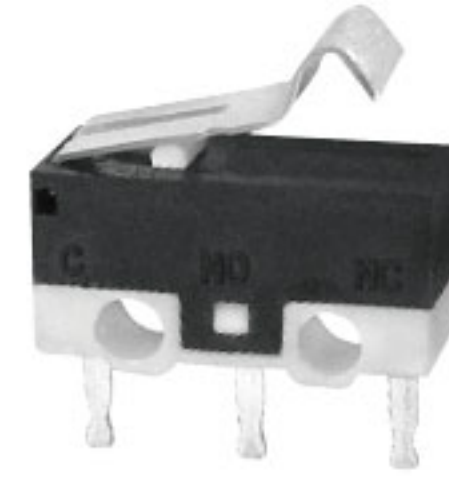
### Mounting hole dimension 安装孔尺寸



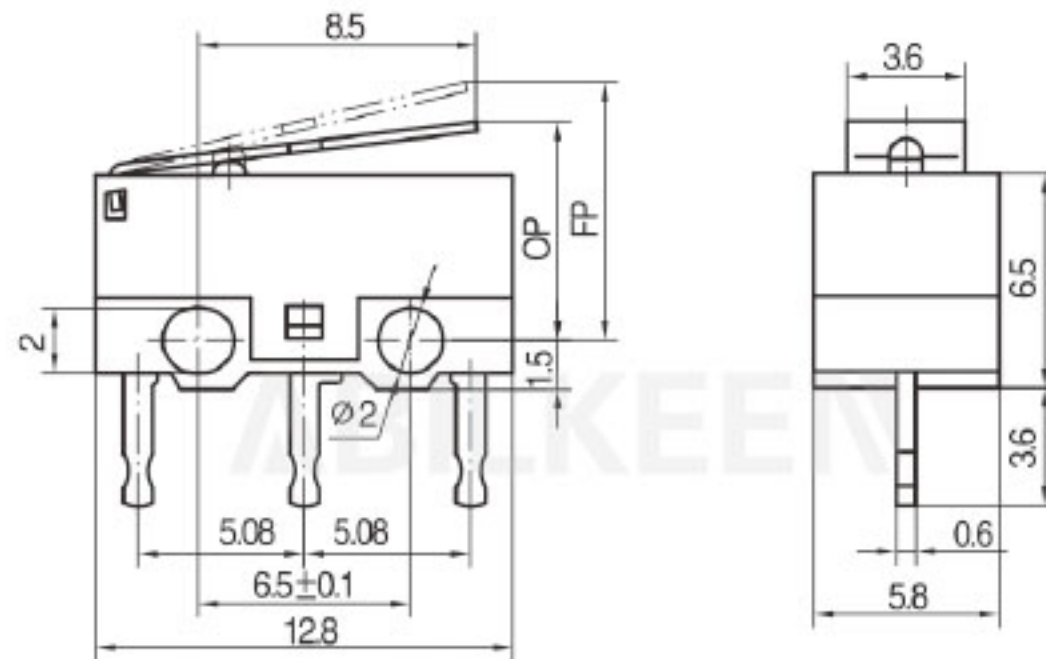




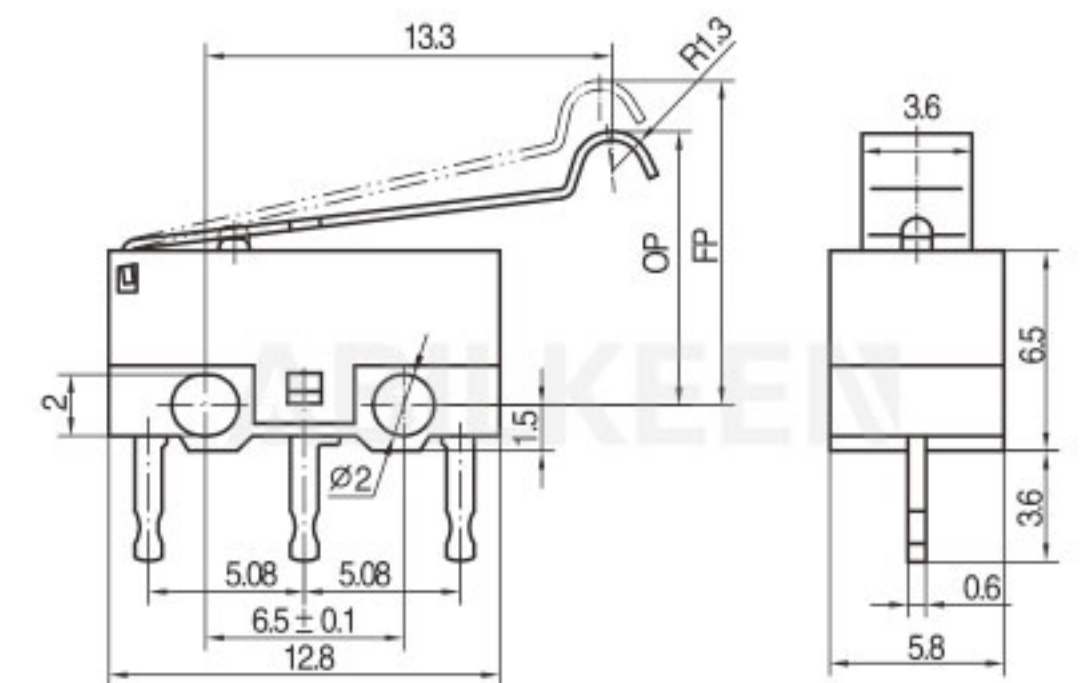
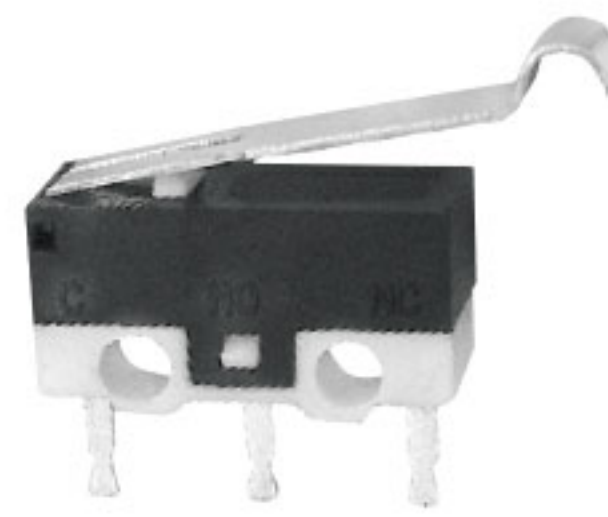
IKW1-Z0P



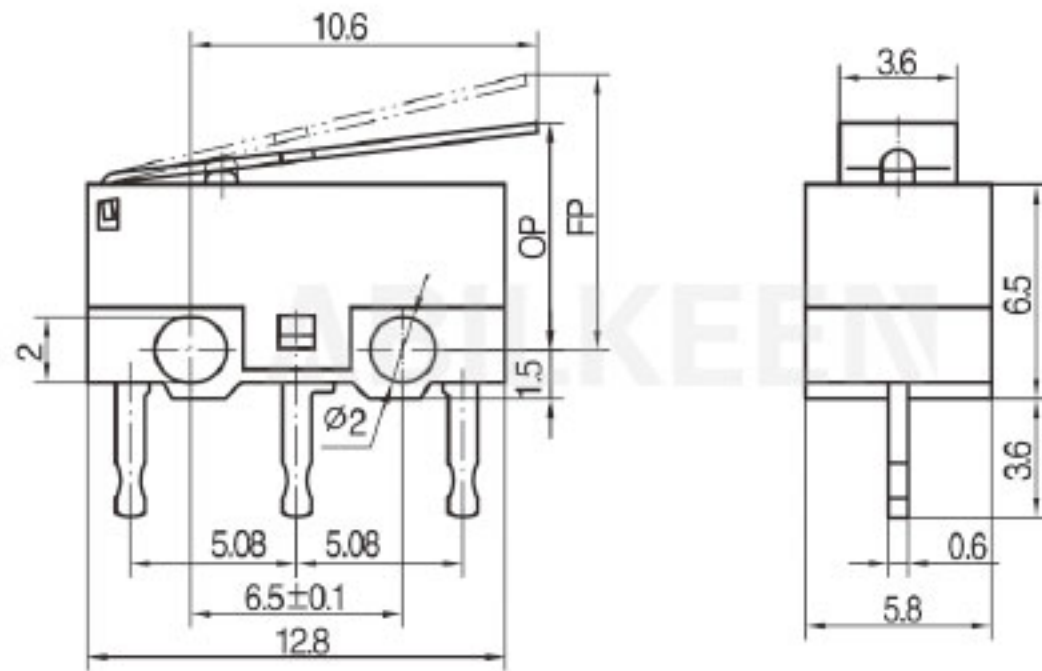
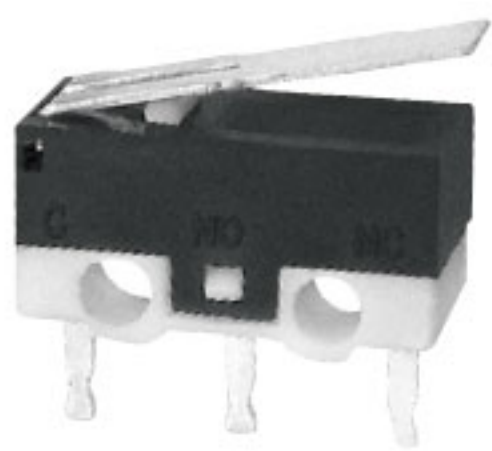
IKW1-Z7P



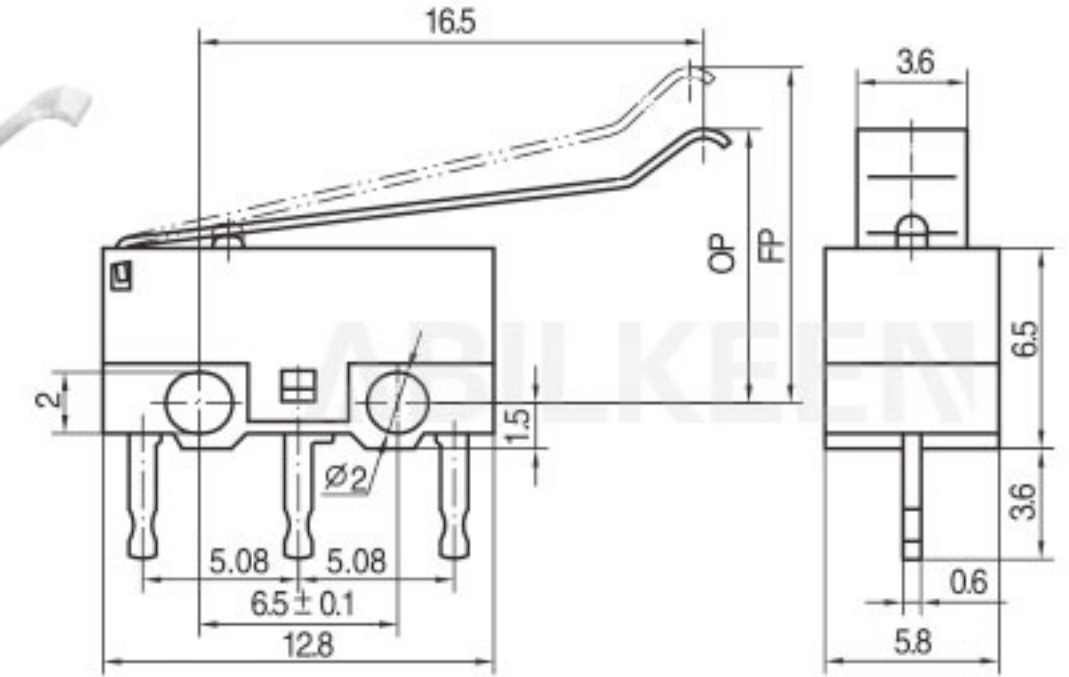
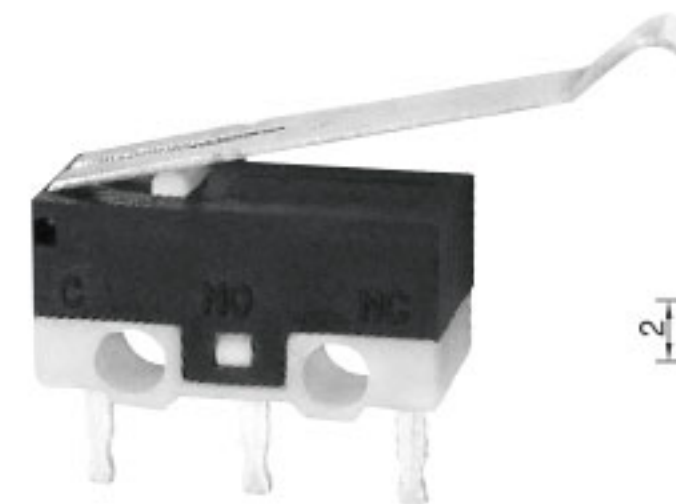
IKW1-Z1P



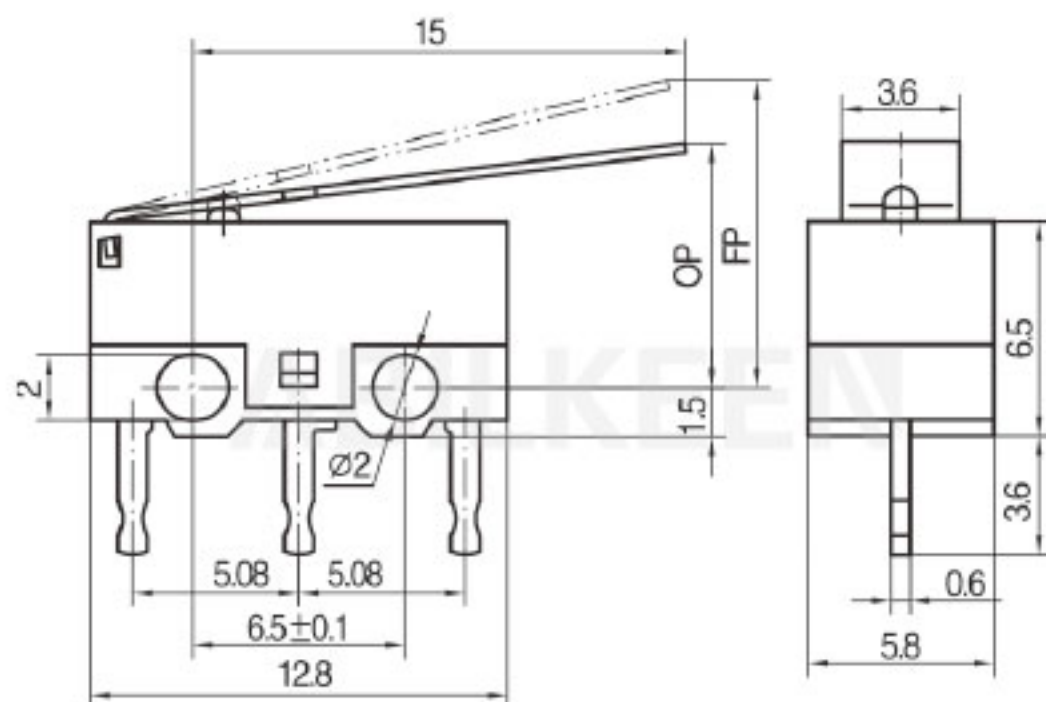
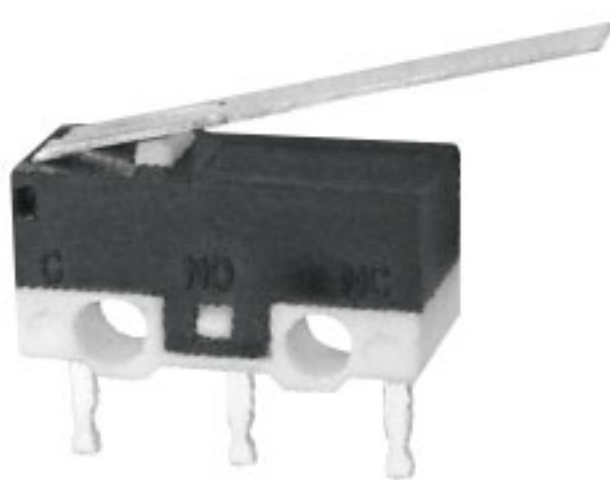
IKW1-Z8P



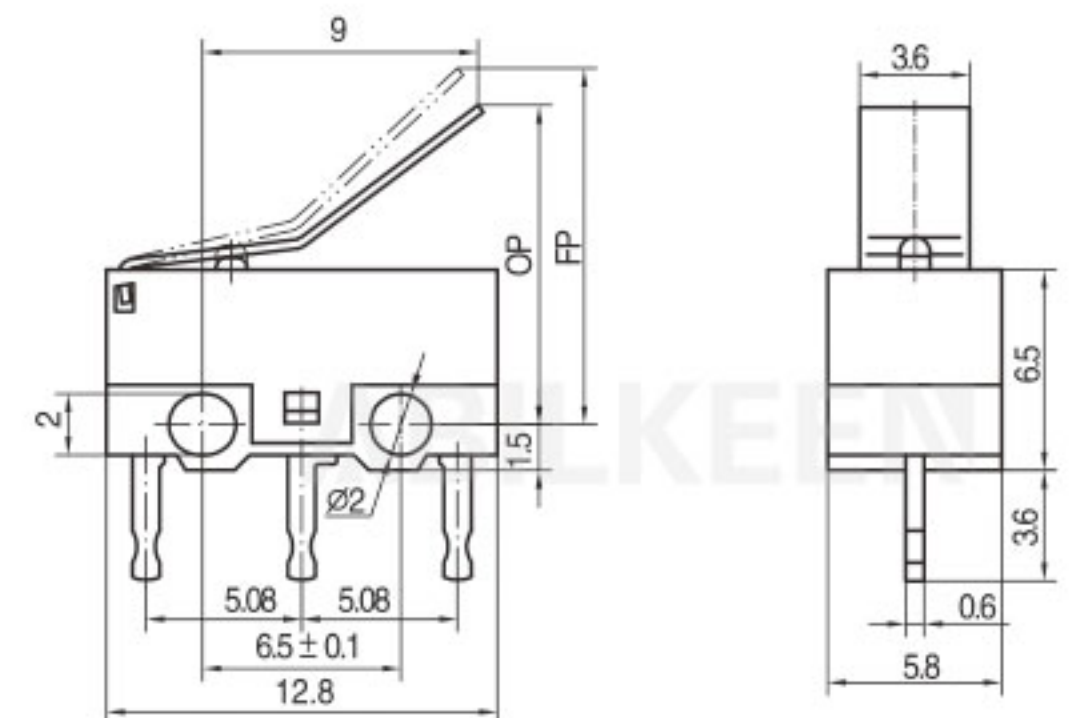
IKW1-Z2P



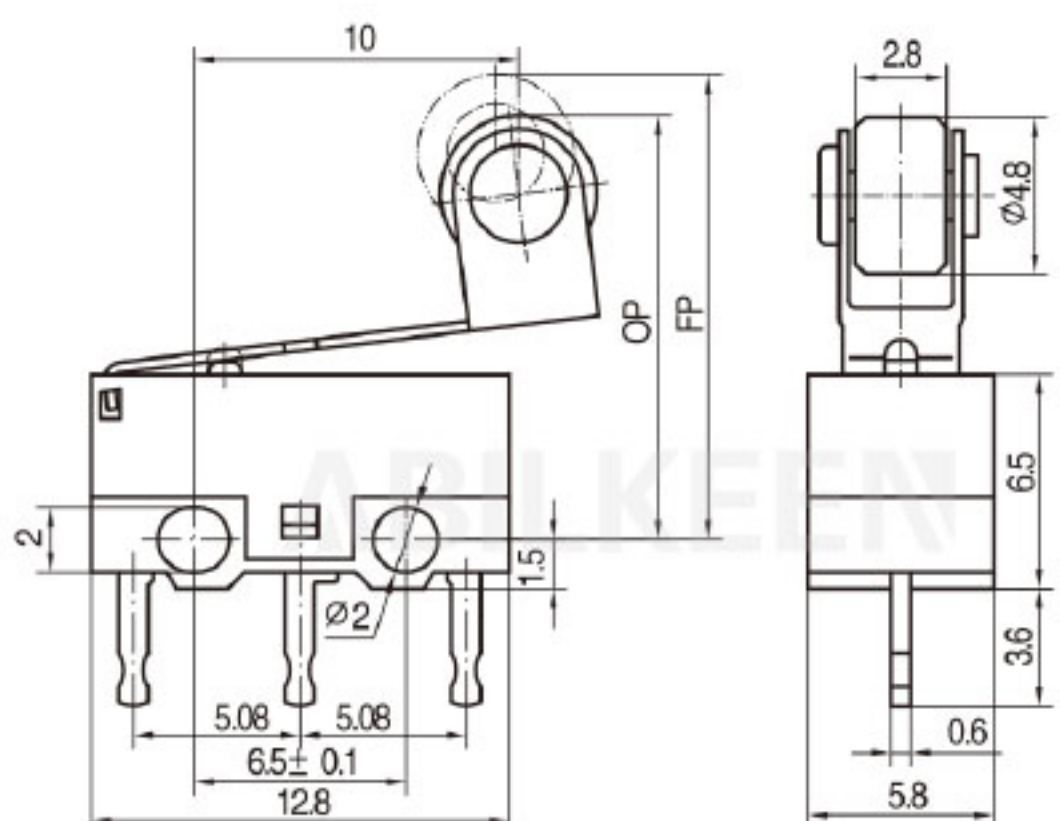
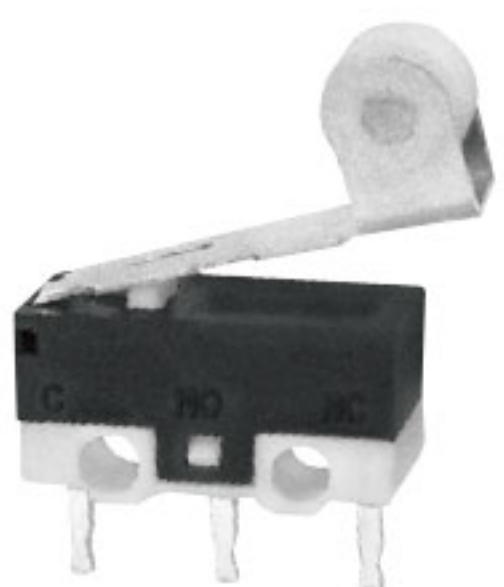
IKW1-Z9P



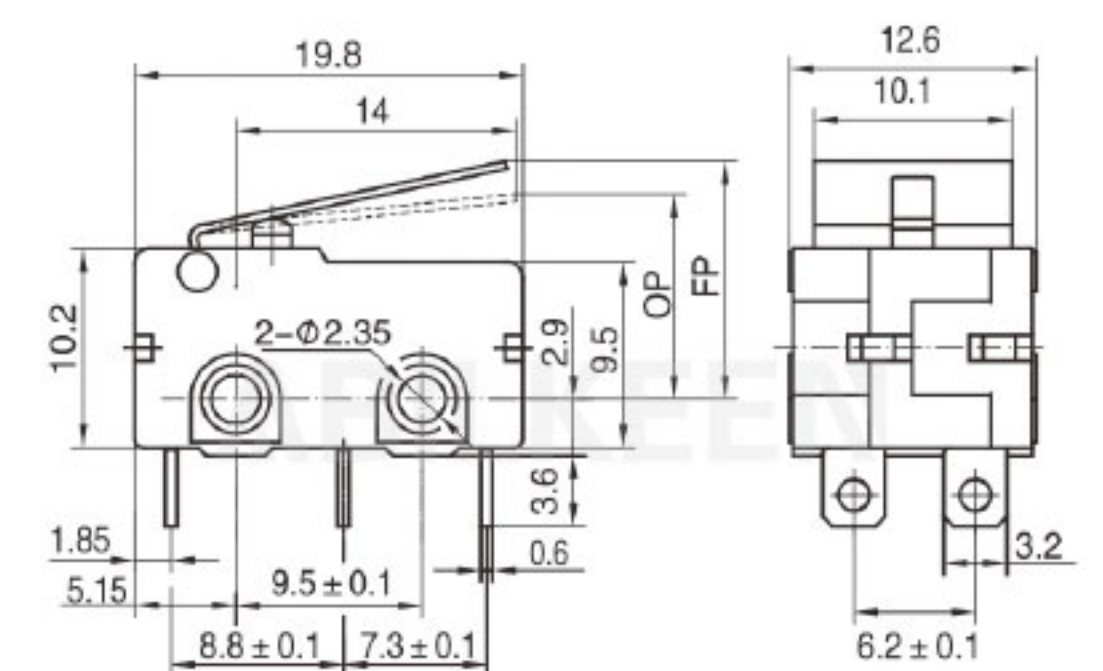
IKW1-Z3P



IKW1-ZBP



IKW1-Z4P



IKW2-Z1F100-22



### MicroSwitch Description 微动开关型号说明

For example: IKW2H-AZ4F100

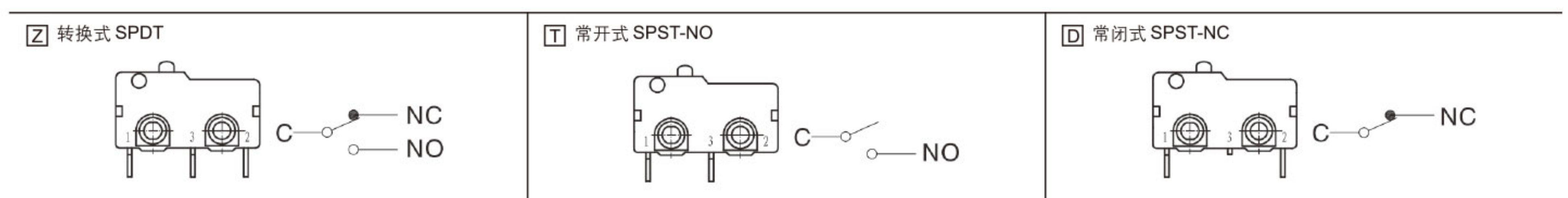
IKW2	H	-	A	Z	4	F	100
Aibeiken Code	Degrees of temperature 温度等级	Ratings 额定值	Circuit 接触方式	Actuator forms 驱动方式	Terminal options 端子种类	Operating force 动作(max)	
	( ): T85 H: T125	( ): 5A250VAC/125VAC A: 10A 250VAC	Z: 转换式 SPDT T: 常开(接通)式 SPST-NO D: 常闭(按断)式 SPST-NC 见说明书 See illustration	0: 无动臂 No lever A1/1: 短直臂 Short straight A2/2: 中直臂 Middle straight A3/3: 长直臂 Long straight A4/4: 短滚轮臂 Short roller A5/5: 中滚轮臂 Middle roller A6/6: 长滚轮臂 Long roller A7/7: 短弧形 Short arc A8/8: 中弧形 Middle arc A9/9: 长弧形 Long arc A10/10: 小弯 Small curved A11/11: 中弯 Middle curved A12/12: 大弯 Big curved A13/13: 三角弯 Triangular A14/14: 折弯 Bent curved B: 定制 Customize 注: 1)A 表示动臂安装在靠近按钮位置, 无字母 A 表示动臂安装在离按钮较远位置。 Note: 1)A indicate the lever near to the plunger. no A indicate the lever far away from the plunger.	F: 焊接端子 Solder terminal P: PCB 端子 PC Bterminal L: 左侧面 PCB 端子 Left side PCB terminal R: 右侧面 PCB 端子 Right side PCB termina T: 110 快接端子 Quick-connect terminal Y: 非标准端子 Not standard terminal	050:0 5N 100:1N 150:1 5N 200:2N 300:3N 注: 指无动臂时按钮上的动作力 Note: Refers to the operating force of no lever	

### Specifications For IKW2 Series

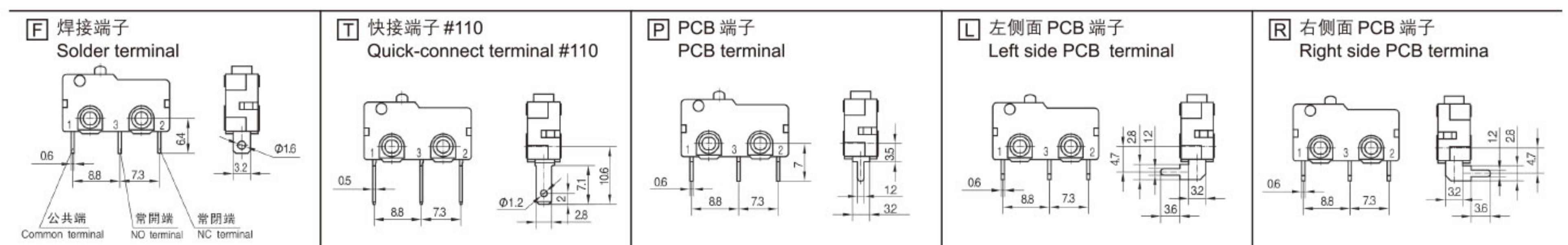
Project 项目	Parameter 参数
工作速度 Operating Speed	0.1mm~1m/S
接触电阻 Contact Resistance	≤ 30~50mΩ
绝缘电阻 Insulation Resistance	≥ 100MΩ 500VDC
环境湿度 Ambient Humidity Used	< 85%RH

Project 项目	Parameter 参数
耐电压 Withstand Voltage	1000/1500VAC, 1 min
操作温度 Operating Temperature	-25℃ ~+85℃
电气寿命 Electric Life	≥ 10,000 Cycles
机械寿命 Mechanical Life	≥ 1000,000 Cycles

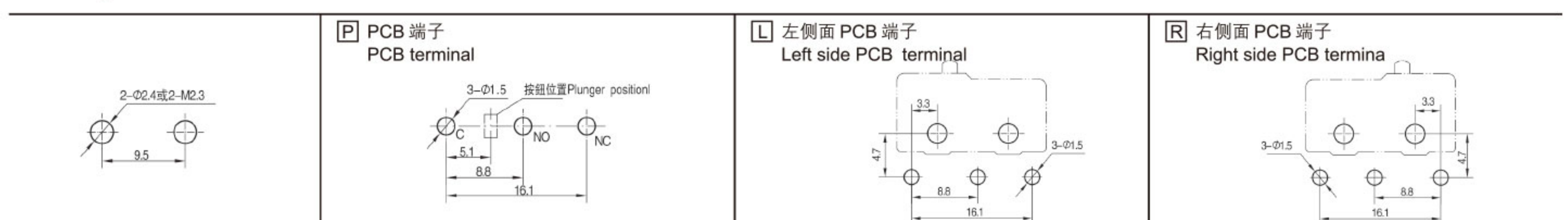
### Circuit illustration 接触形式说明图



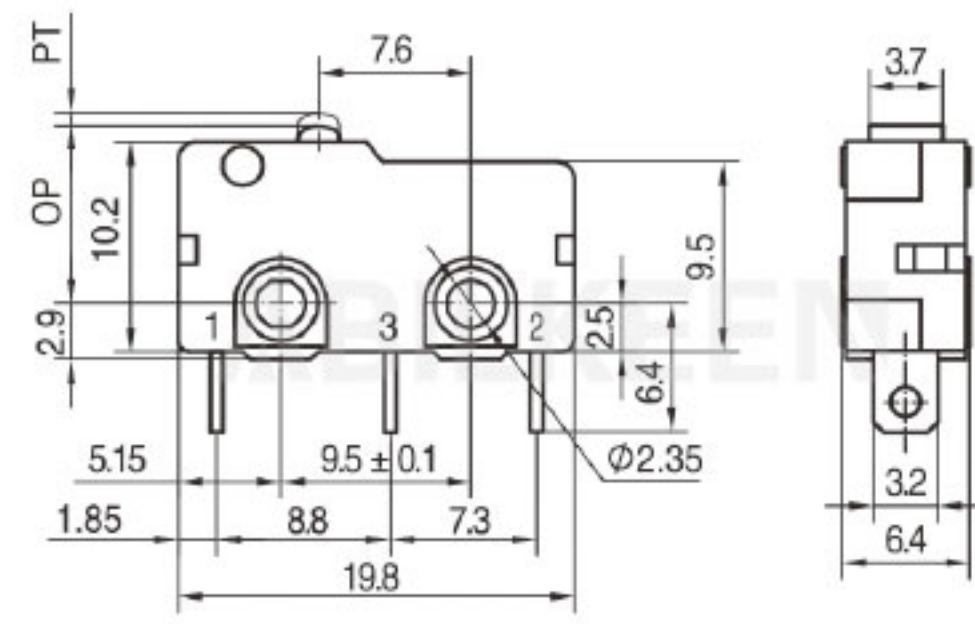
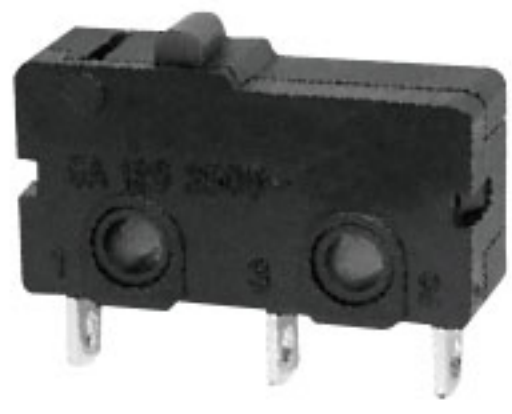
### Terminal dimensions 接线端子尺寸



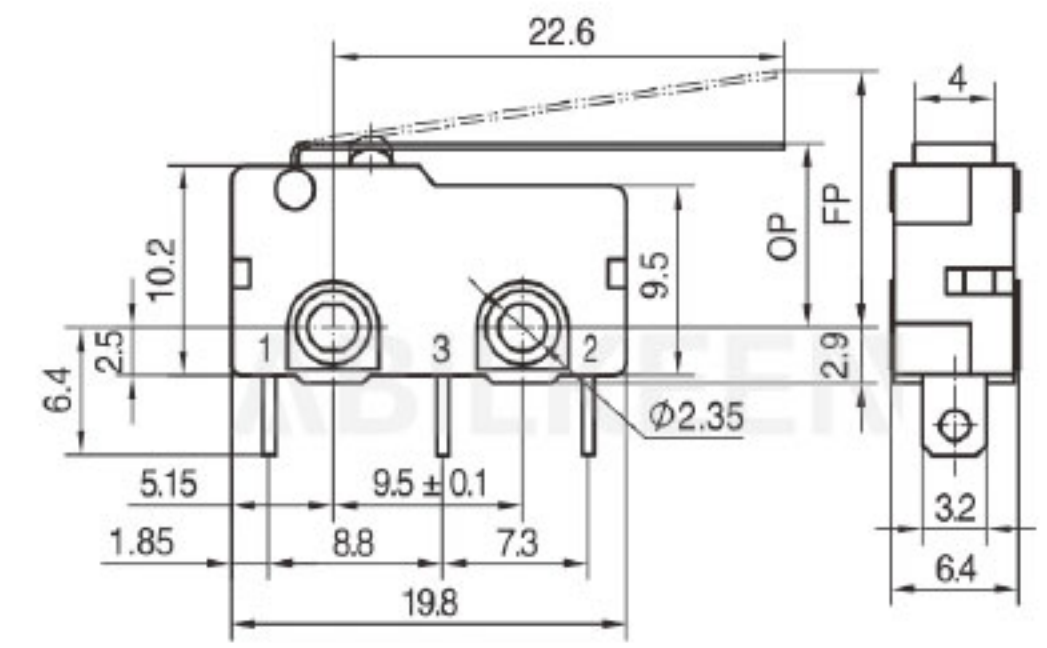
### Mounting hole dimension 安装孔尺寸



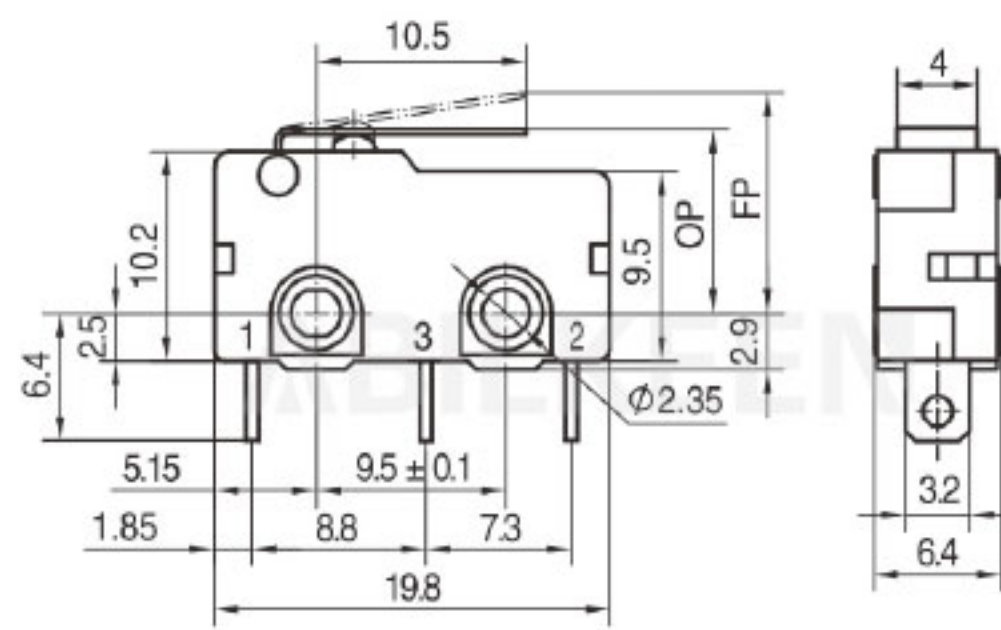
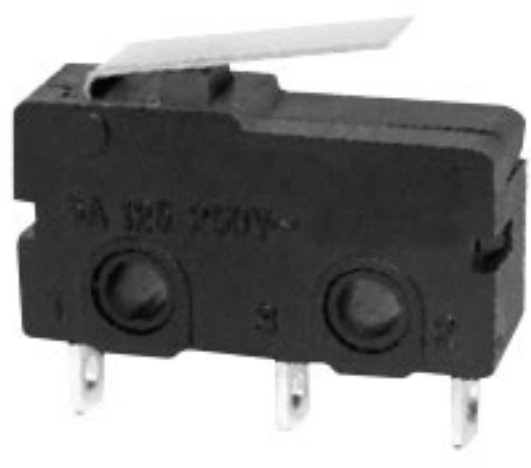




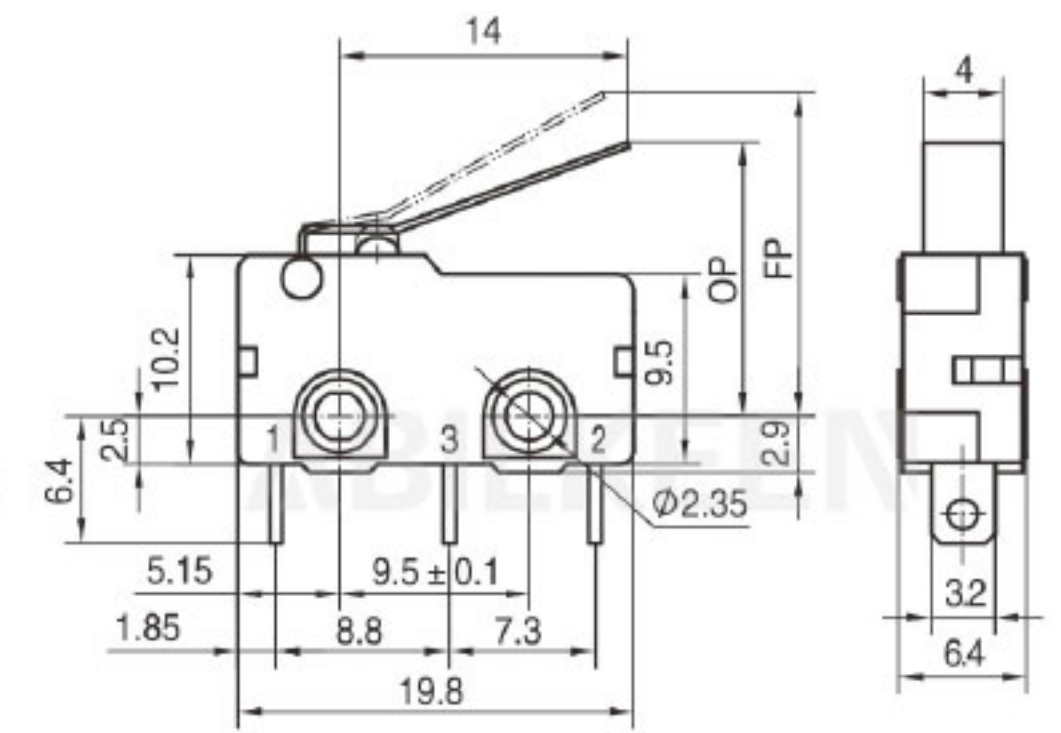
IKW2-Z0F100



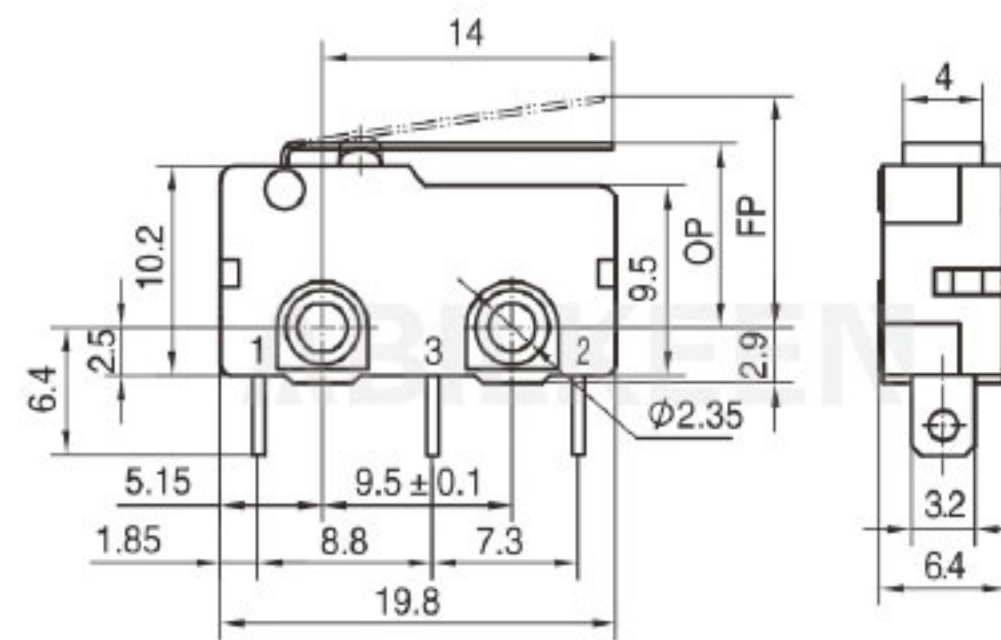
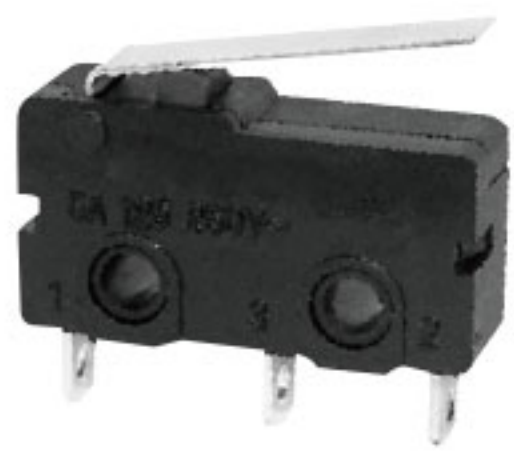
IKW2-Z4F100



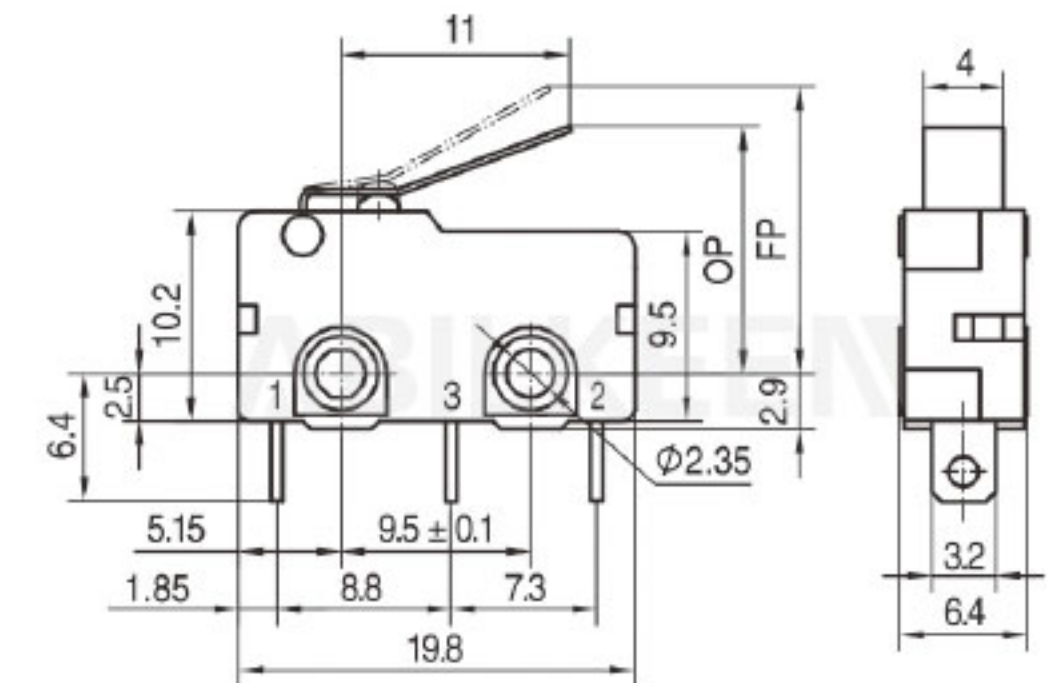
IKW2-Z1F100



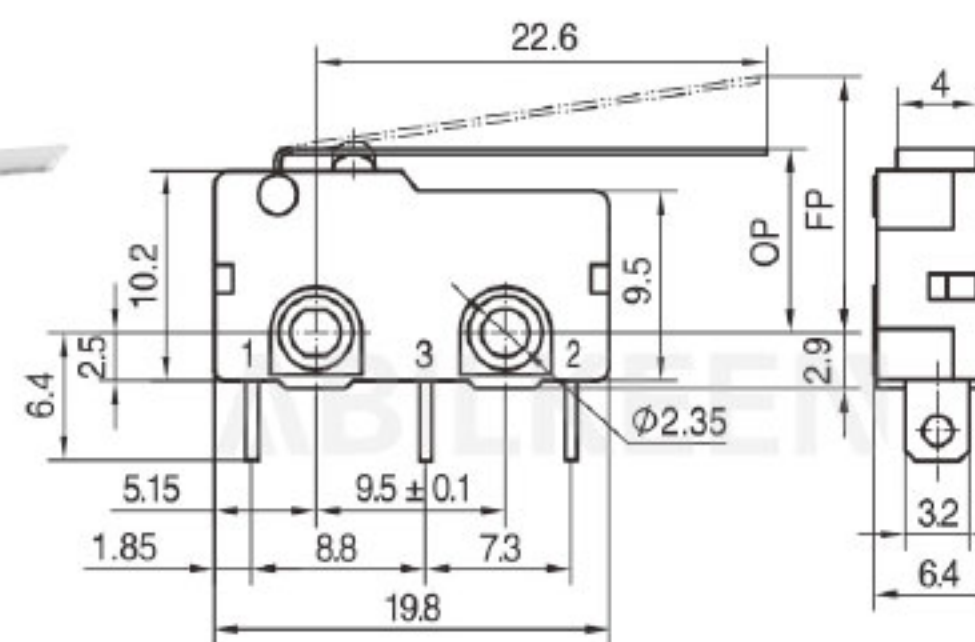
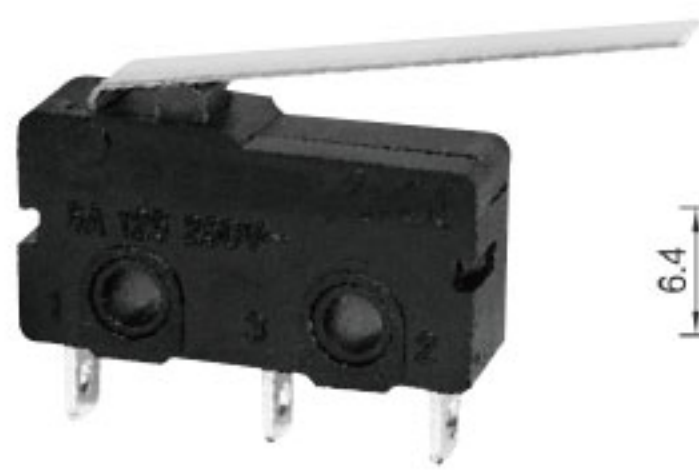
IKW2-ZB2F100



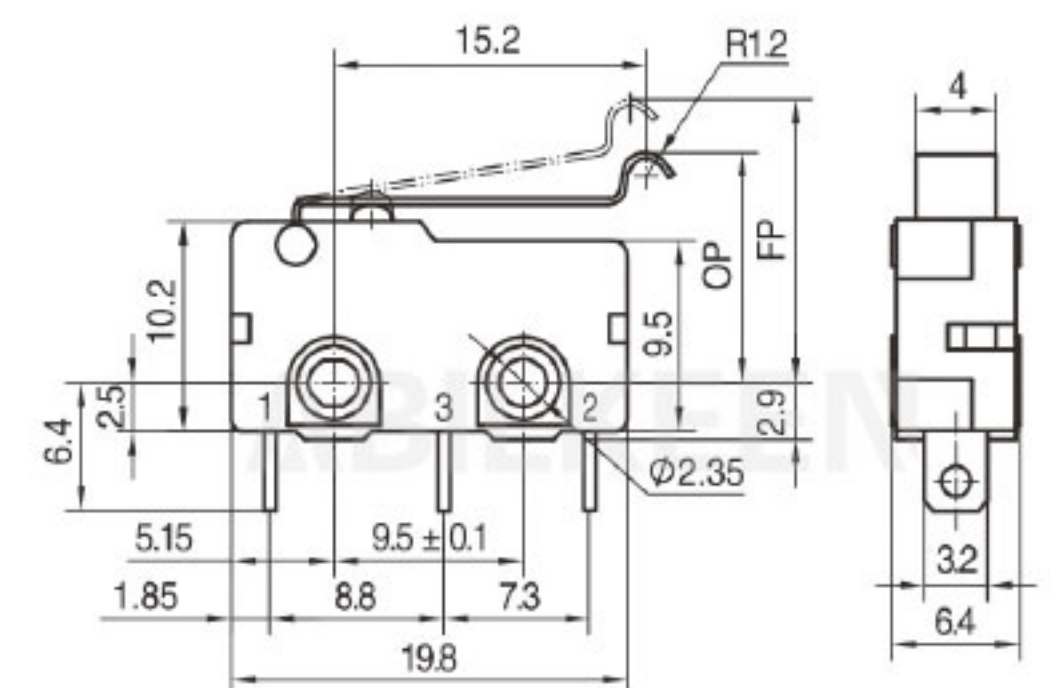
IKW2-Z2F100



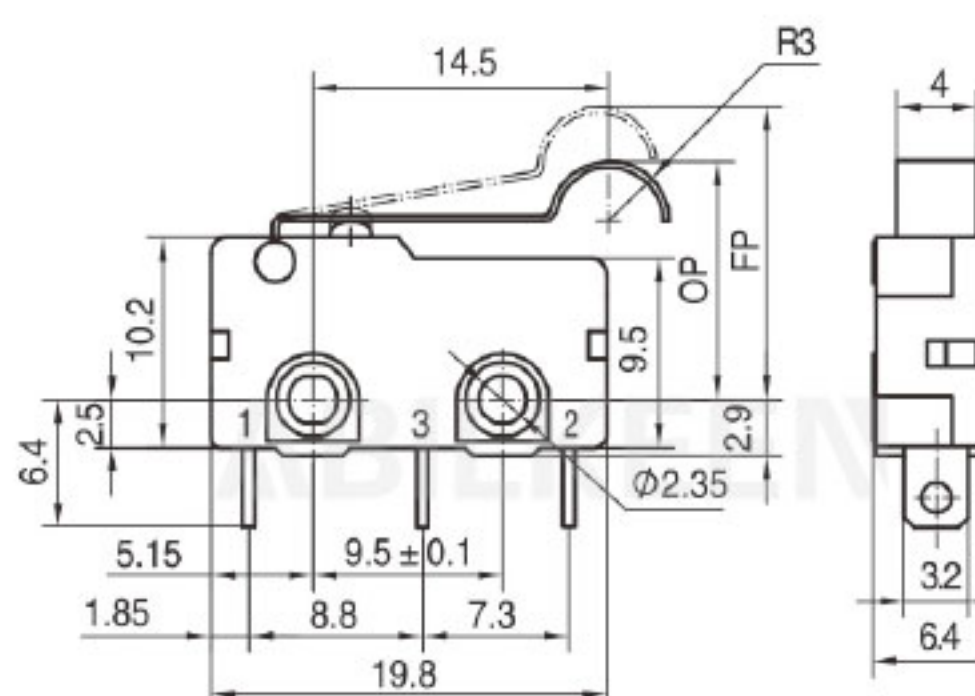
IKW2-ZB1F100



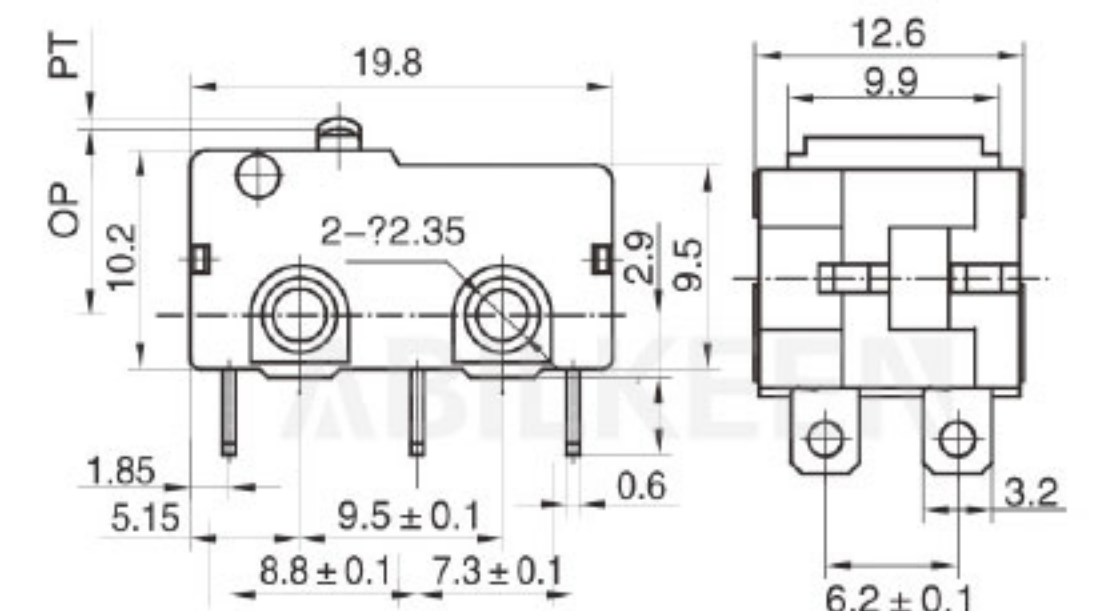
IKW2-Z3F100



IKW2-Z8F100



IKW2-Z7F100



IKW2-Z0F100-22 Double switch



### MicroSwitch Description 微动开关型号说明

For example: IKW3AT-25Z4A100

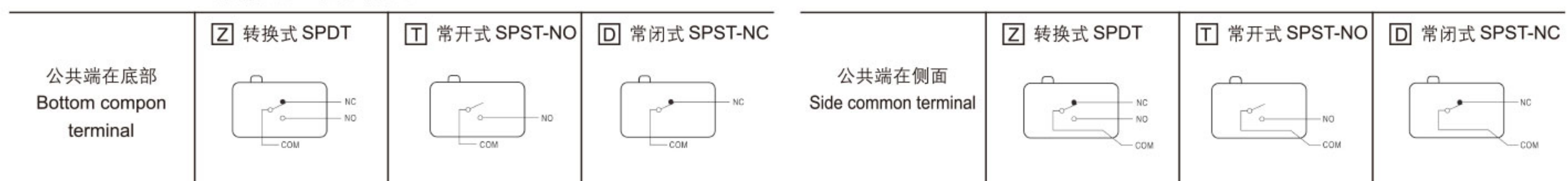
IKW3A	T	-	25	Z	4	A	100
Series 系列	Degrees of temperature 温度等级		Ratings 额定值	Circuit 接触方式	Actuator forms 驱动方式	Terminal options 端子种类	Operating force 动作 (max)
无标记 (NO MARK) A: 基本形 Basic form B: 平端形 Flat terminal C: 公共端侧面形 Side common terminal D: 平端卡扣形 Flat end buckle E: 平端卡扣密封形 Flat end snap seal F: 平端无卡扣铆接形 Flat end riveting without snap G: 门开关 Door switch (D、E、F 专用于直流开关) (D、E and F are specially used for DC switch)	无标记 (NO MARK): T85,10T105 T: T125 H: T150 G: T200		<b>KW3</b> 25(10): 25(10)A250VAC 25: 25(4)A250VAC 16: 16(4)A250VAC/16A125VAC <b>KW3T</b> 21: 21(4)A250VAC 16: 16(4)A250VAC/16A125VAC 10: 10(3)A250VAC/10A125VAC 05: 5(2)A250VAC/5A125VAC 01: 1(0.3)A250VAC/1A125VAC <b>KW3H</b> 10: 10(3)A250VAC/10A125VAC 5: 5(2)A250VAC/5A125VAC <b>KW3G</b> 22: 22A125VAC 10: 10A125VAC 05: 05A125VAC/ 0.1A30VDC, 1A30VDC 01: 1A125VAC/ 0.1A30VDC, 1A30VDC	Z: 转换式 SPDT T: 常开 (接通) 式 SPST-NO D: 常闭 (按断) 式 SPST-NC 见说明书 See illustration	0: 无动臂 No lever A1/1: 短直臂 Short straight A2/2: 中直臂 Middle straight A3/3: 长直臂 Long straight A4/4: 短滚轮臂 Short roller A5/5: 中滚轮臂 Middle roller A6/6: 长滚轮臂 Long roller A7/7: 短弧形 Short arc A8/8: 中弧形 Middle arc A9/9: 长弧形 Long arc A10/10: 小弯 Small curved A11/11: 中弯 Middle curved A12/12: 大弯 Big curved A13/13: 三角弯 Triangular A14/14: 折弯 Bent curved B: 定制 Customize 注: 1)A 表示动臂安装在靠近按钮位置, 无字母 A 表示动臂安装在离按钮较远位置。 Note: 1)A indicate the lever near to the plunger. no A indicate the lever far away from the plunger.	A: 250 快接端子 (t=0.8mm) 250 quick-connect terminal B: 187 快接端子 (厚 0.8mm) 187 quick-connect terminal(thick 0.8mm) C: 187 快接端子 (厚 0.5mm) 187 quick-connect terminal(thick 0.5mm) D: 焊接 /187 共用端子 Solder/187 common terminal E: 螺孔端子 Screw terminal F: 焊接端子 Solder terminal L: 左侧面 PCB 端子 Left side PCB terminal R: 右侧面 PCB 端子 Right side PCB terminal H: 250 快接端子之二 250 Quick terminal No.2 Y: 非标准端子 Not standard terminal	050: 0.5N 100: 1N 150: 1.5N 200: 2N 300: 3N 400: 4N 注: 指无动臂时按钮上的动作力 Note: Refers to the operating force of no lever

### Specifications For IKW3 Series

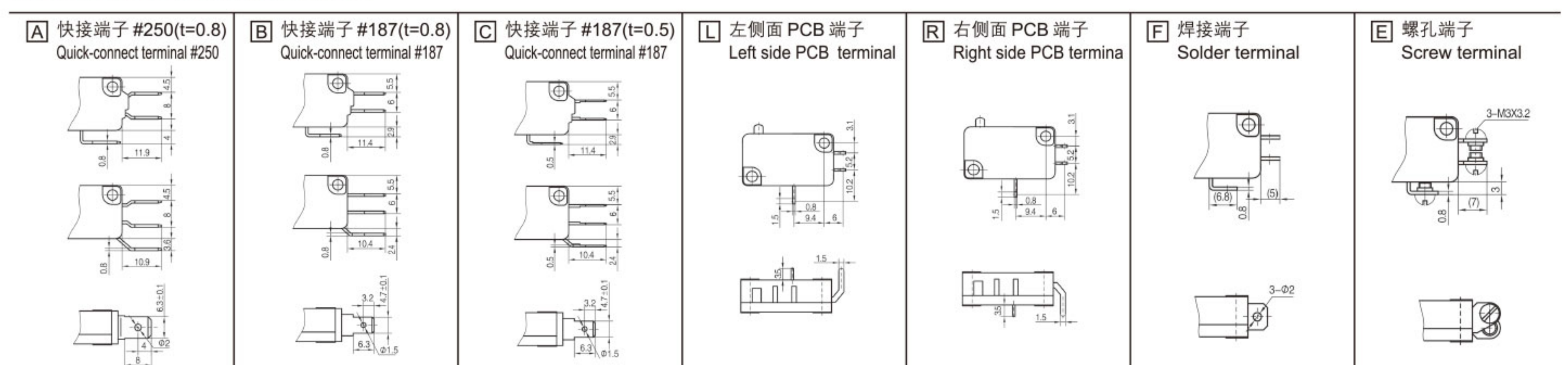
Project 项目	Parameter 参数
工作速度 Operating Speed	0.1mm~1m/S
接触电阻 Contact Resistance	≤ 50~100mΩ
绝缘电阻 Insulation Resistance	≥ 100MΩ 500VDC
环境湿度 Ambient Humidity Used	< 85%RH

Project 项目	Parameter 参数
耐电压 Withstand Voltage	1000VAC/3750VAC, 1 min
操作温度 Operating Temperature	-25℃ ~+85℃
电气寿命 Electric Life	≥ 50,000 Cycles
机械寿命 Mechanical Life	≥ 2000,000 Cycles

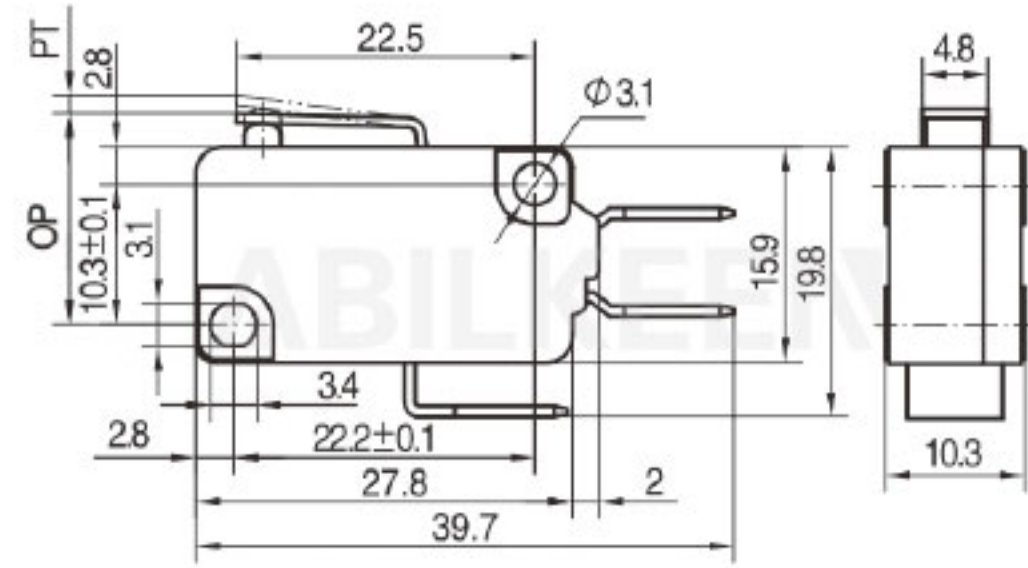
### Circuit illustration 接触形式说明图



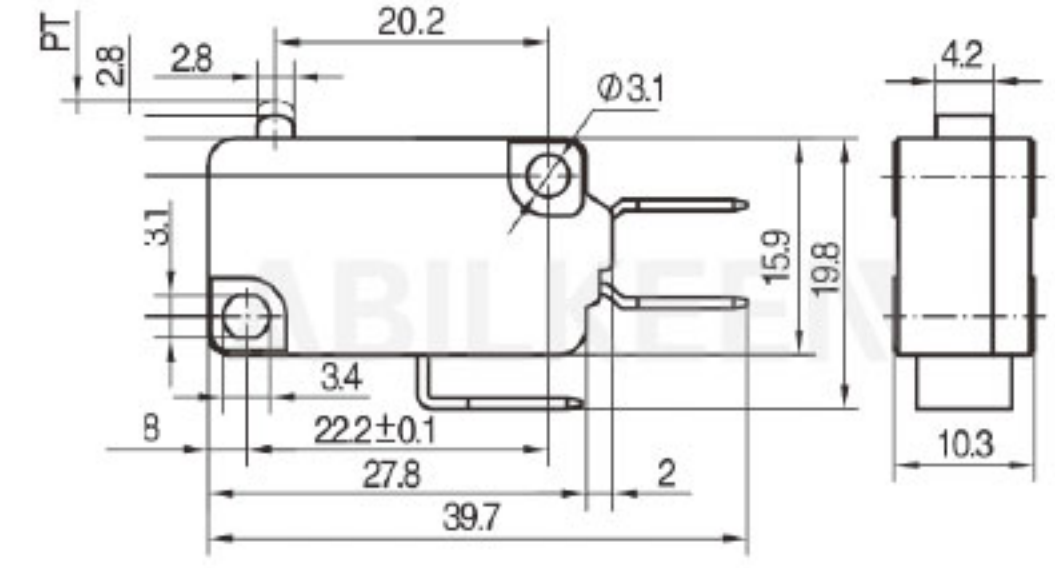
### Terminal dimensions 接线端尺寸



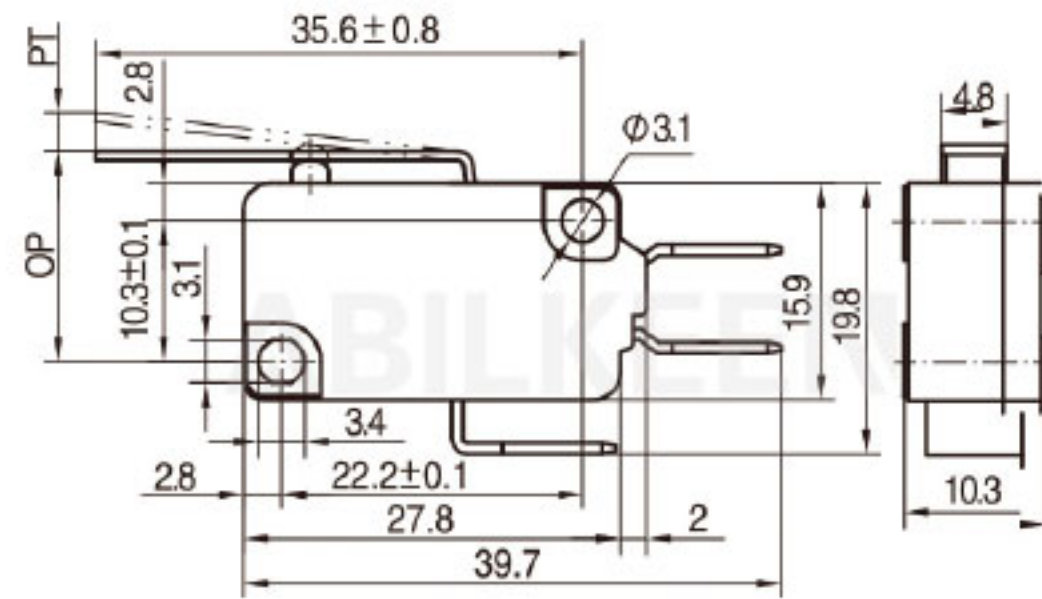




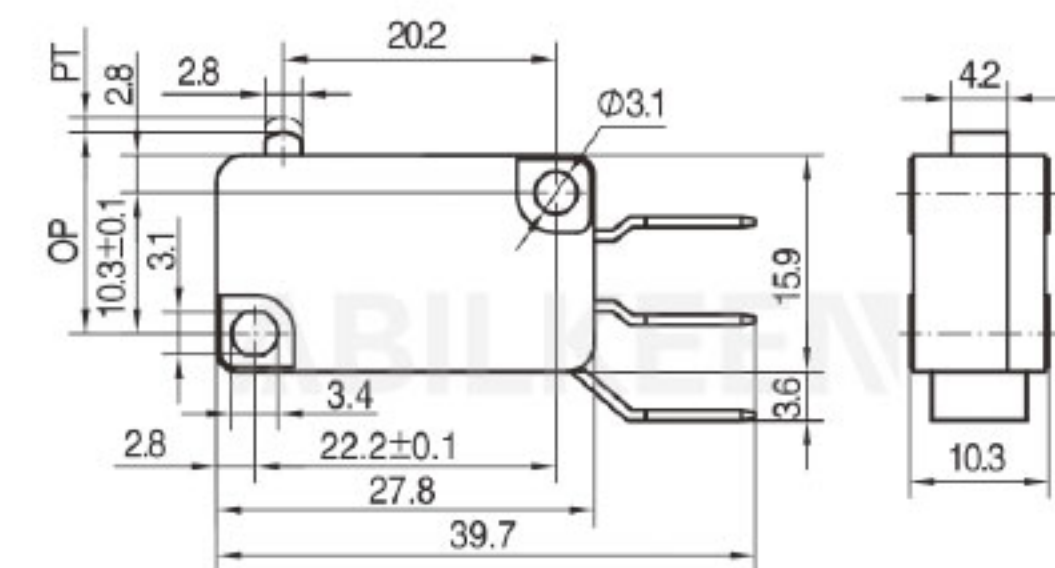
IKW3A-Z1A100



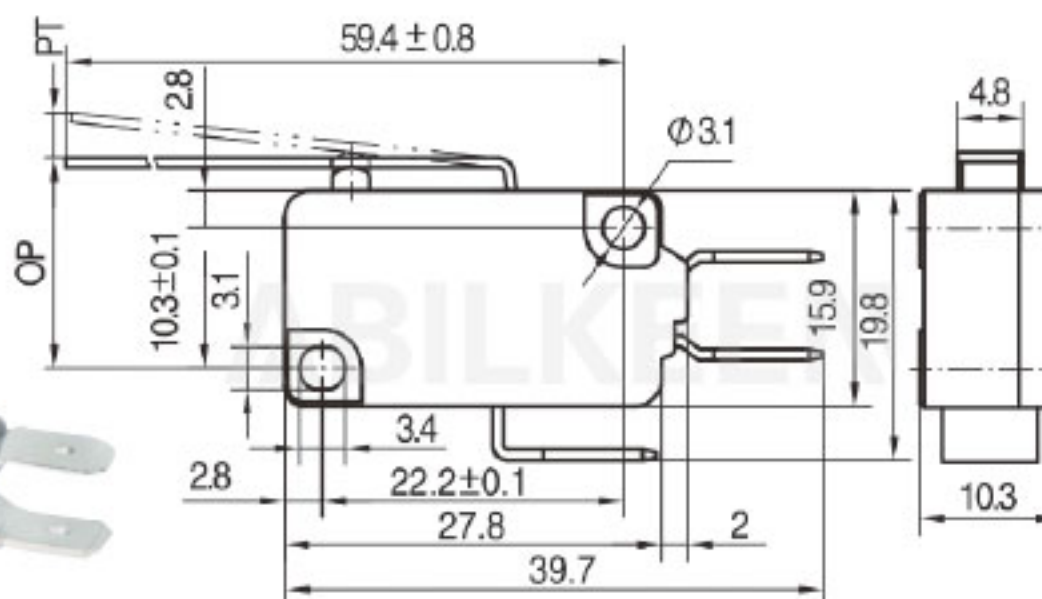
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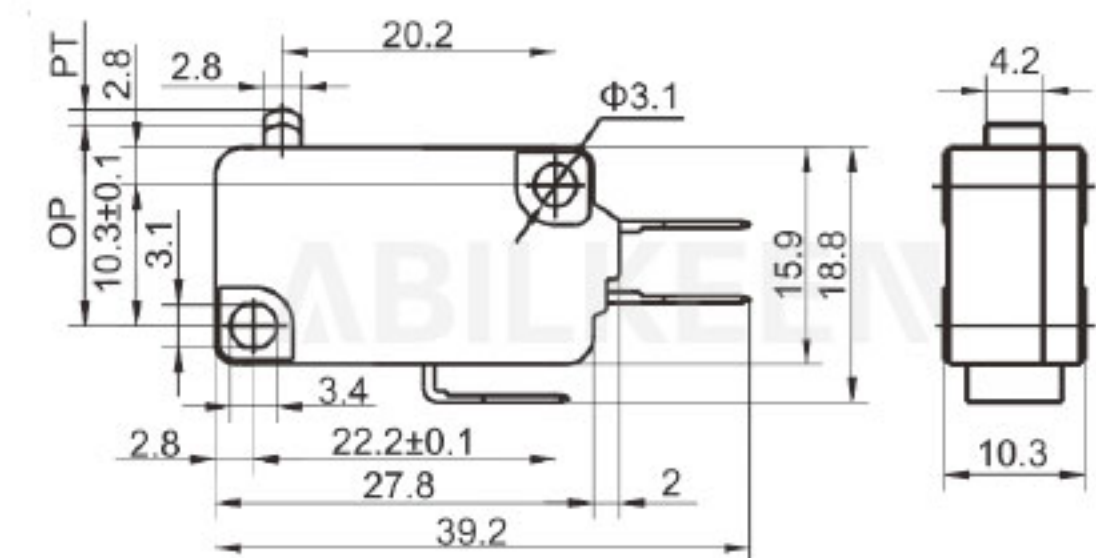
IKW3A-Z2A100



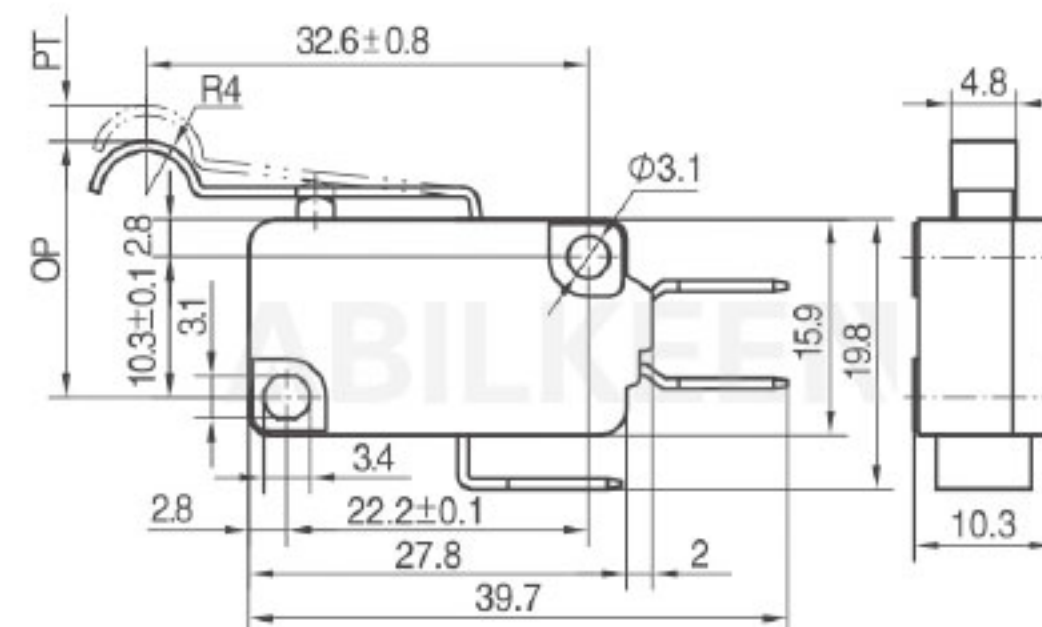
IKW3B-Z0A100



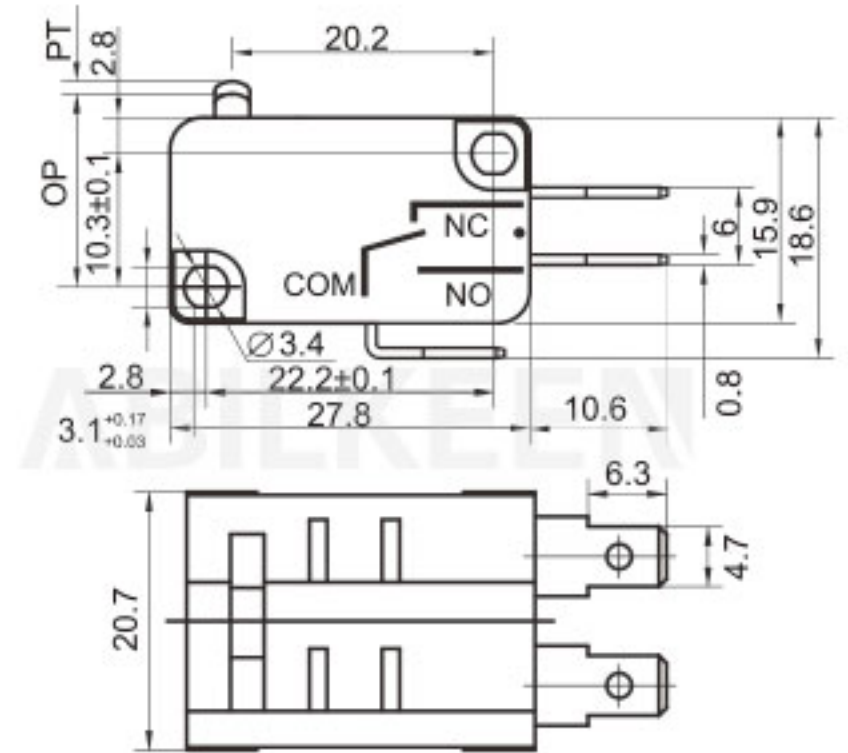
IKW3A-Z3A100



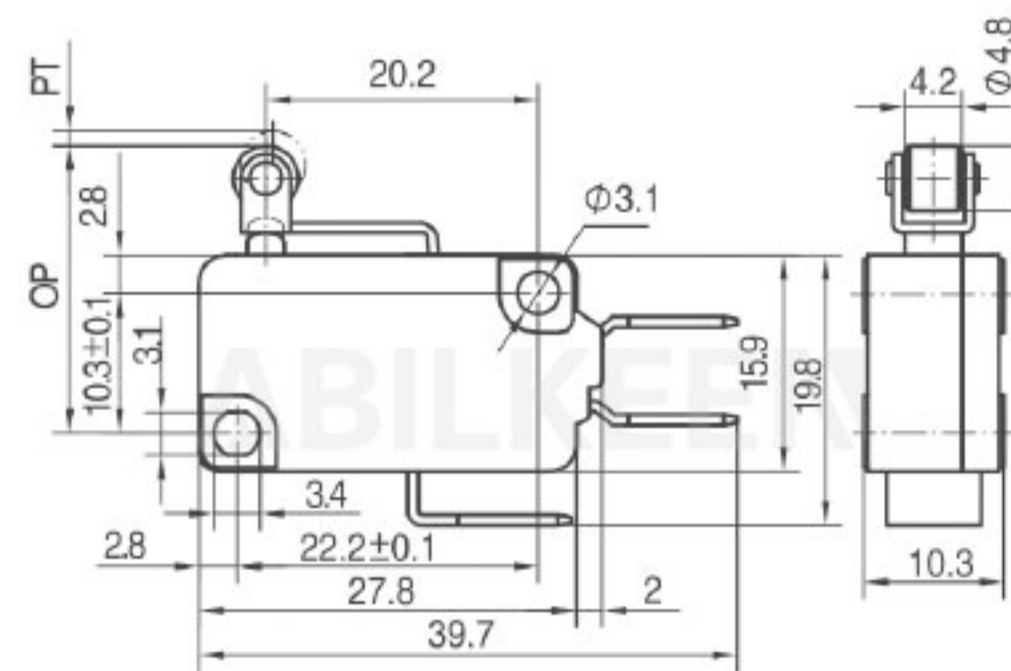
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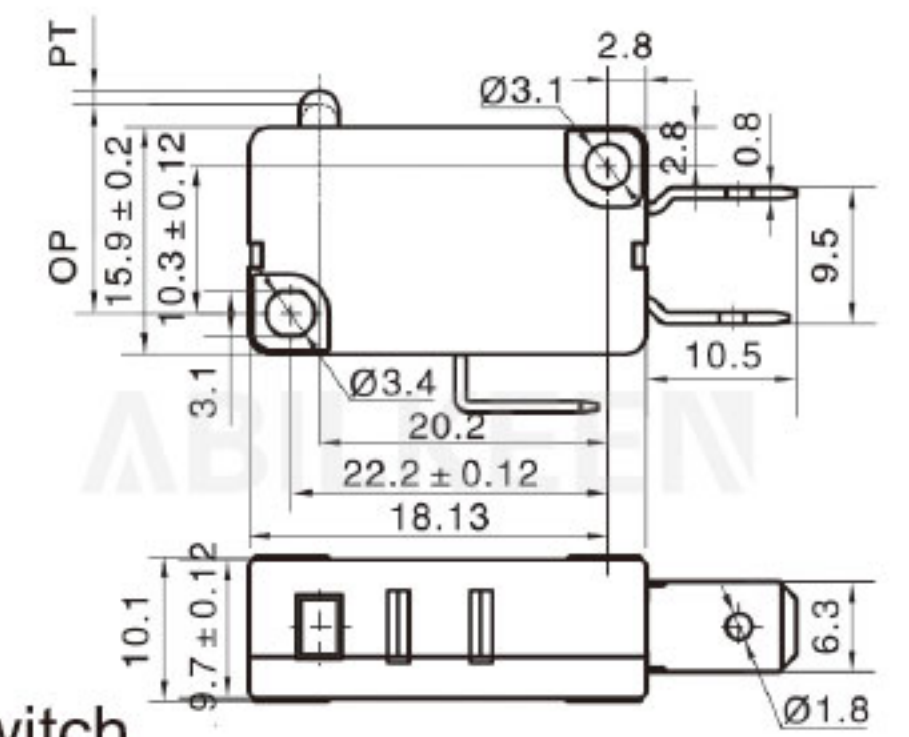
IKW3A-Z8A100



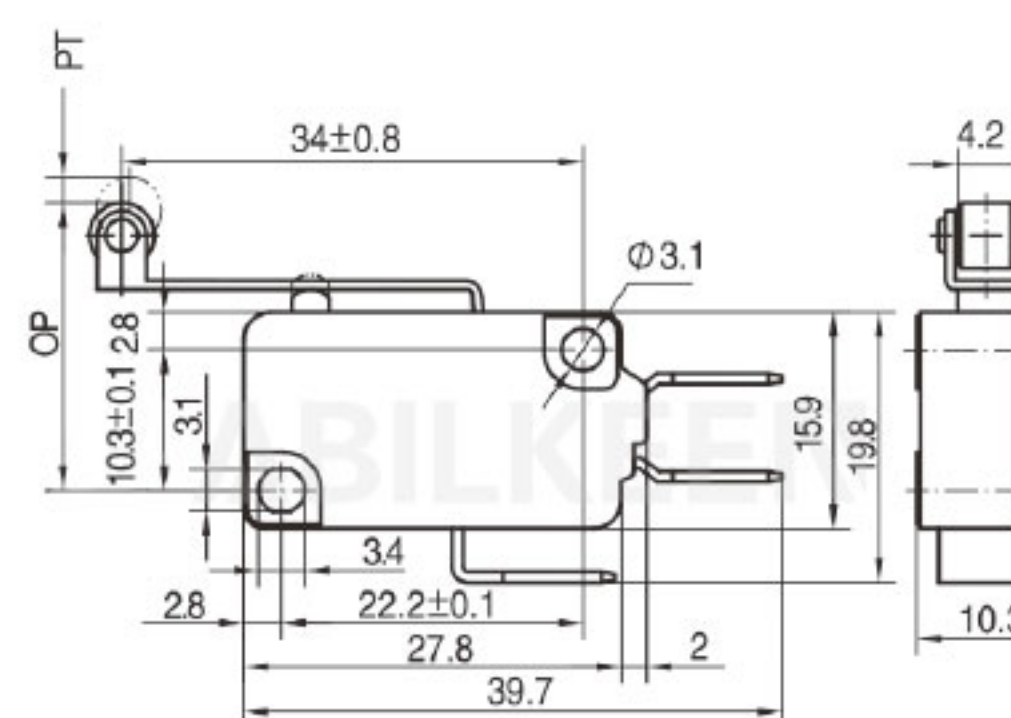
IKW3B-Z0B400-22



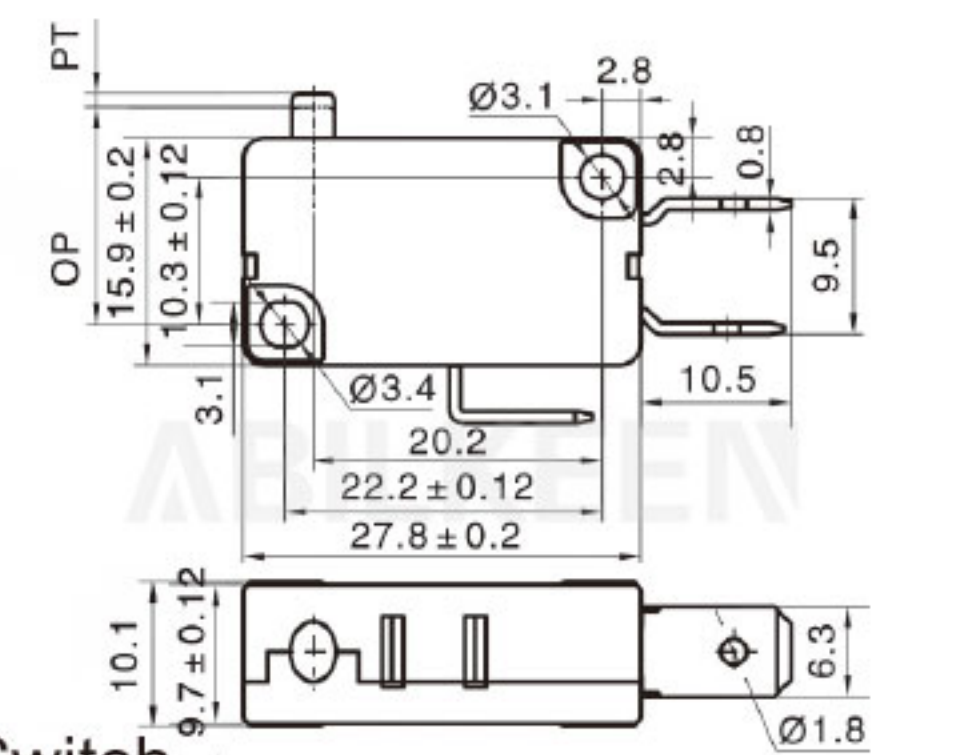
IKW3A-Z4A100



IKW3D-Z0A750Z4 DC Switch



IKW3A-Z5A100



IKW3E-Z0A550Z5 DC Switch



### MicroSwitch Description 微动开关型号说明

For example: IKM1-TF150BD

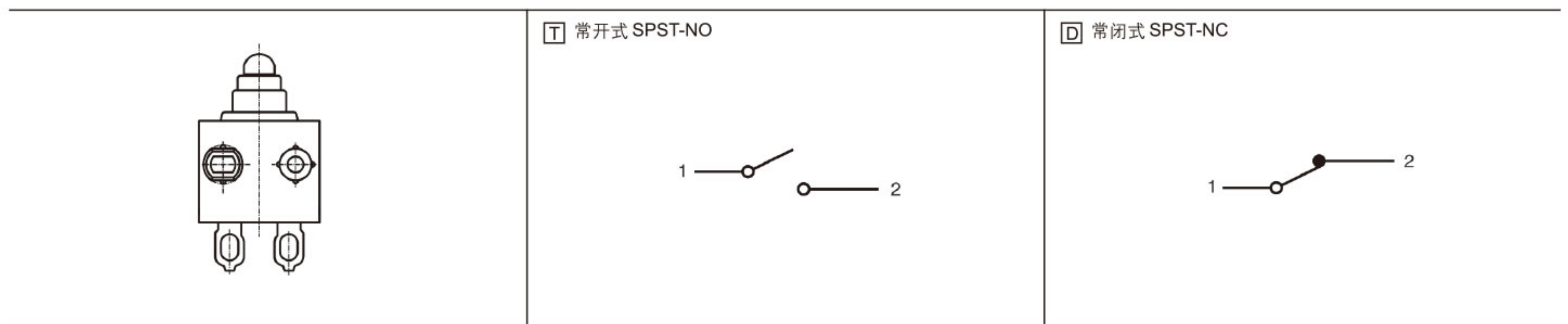
IKM1	( )	T	F	150	B	D
Aibeiken Code	Ratings 额定值	Circuit 接触方式	Terminal options 端子种类	Operating force 动作(max)	Installation structure 安装构造	Direction and length of conductor type terminal 导线型端子导线方向及长度
	无标记 (NO MARK): 0.1A 12VDC; 50 μ A 5VDC;	T: 常开(按通)式 SPST-NO D: 常闭(按断)式 SPST-NC 见说明书 See illustration	F: 焊接端子 Solder terminal P: PCB 端子 PCB terminal PR: 右侧面 PCB 端子 Right side PCB terminal A: 侧面端子之一 One of the side terminal B: 侧面端子之二 The other of the side W: 导线型 Wire type C: 压入式 Y: 非标准端子 Not standard terminal (见说明图 See illuminations)	150: 1.5N(0.5N-1.5N) 注: 若是非标准动作力, 用此动作力上限值表示。 Note: If it is not standard operating force, indicate with the upper limit.	A: 罩面有 2 固定柱 There are 2 fixed columnson one side. B: 无柱无凸毫 No column and no convexplatform. C: 双面各有 2 凸毫 There are 2 convex platform on bothsides D: 矩形 Rectangle one side E: 无柱无凸毫, 底部 4 个小脚 No column and no convex platform,4 small feet at the bottom. (见说明图 See illuminations)	D □: 导线在开关下方引出 The wire leads out below the switch L □: 导线在开关左侧引出 The wire leads out to the left of the switch R □: 导线在开关右侧引出 The wire leads out to the right of the switch (□为导线长度毫米数) (□ Shows the wire lenth mm)

### Specifications For Micro Switch Series

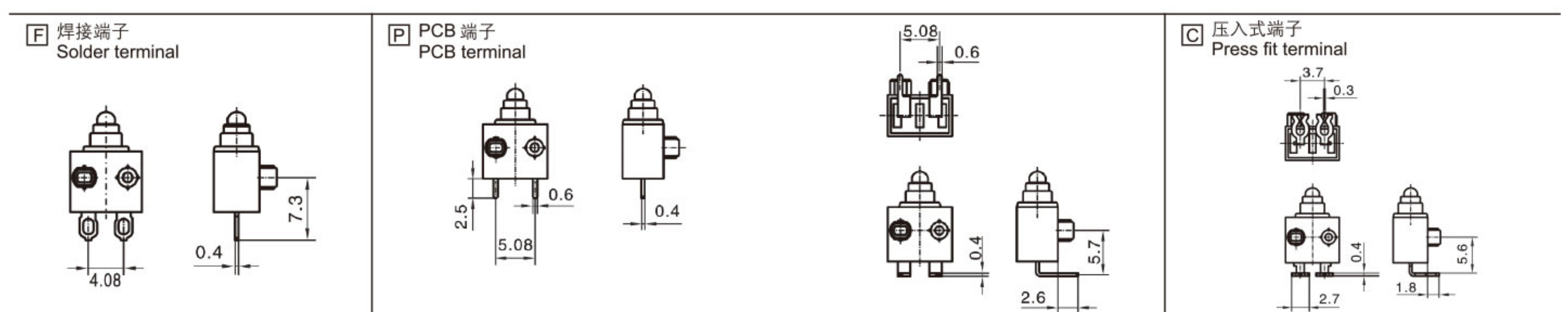
Project 项目	Parameter 参数
工作速度 Operating Speed	1~500mm/s(No lever)
接触电阻 Contact Resistance	≤ 100/500mΩ(Wired)
绝缘电阻 Insulation Resistance	≥ 100MΩ 500VDC
工作频率 Operating Frequency	≤ 25(E)~60(M)/min

Project 项目	Parameter 参数
耐电压 Withstand Voltage	500VAC, 1 min
环境温度 Environment Temperature	-40℃ ~+85℃
寿命 Life (E/M)	≥ 300,000 Cycles
抗振动 Vibration Resistance	10~55Hz, 1.5mm

### Circuit illustration 接触形式说明图

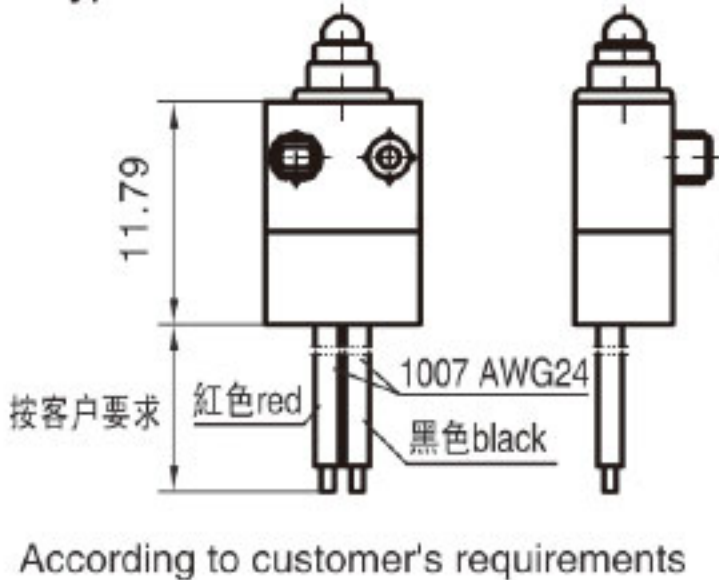
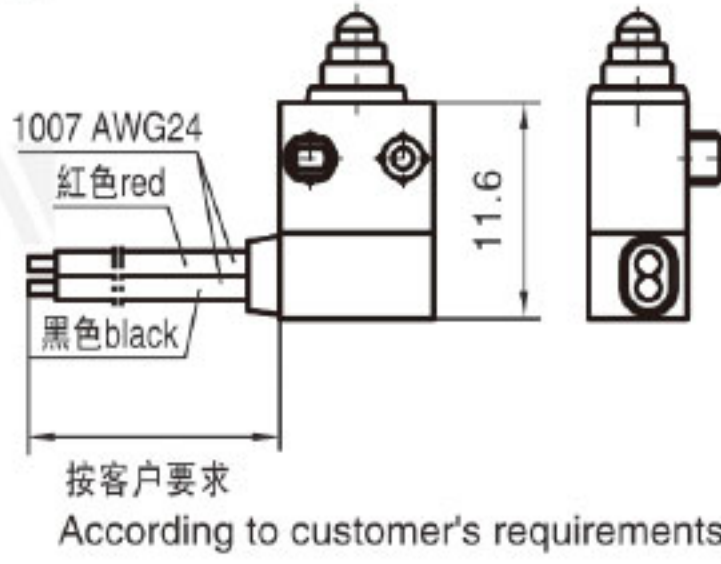
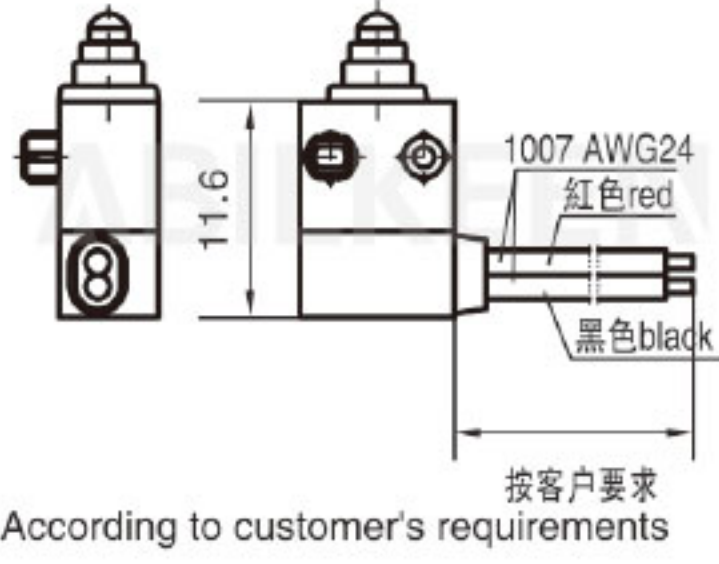


### Terminal dimensions 接线端尺寸

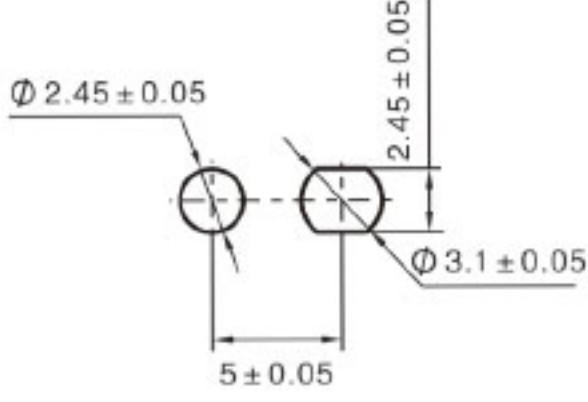
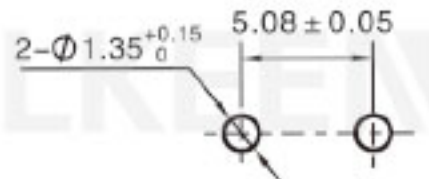
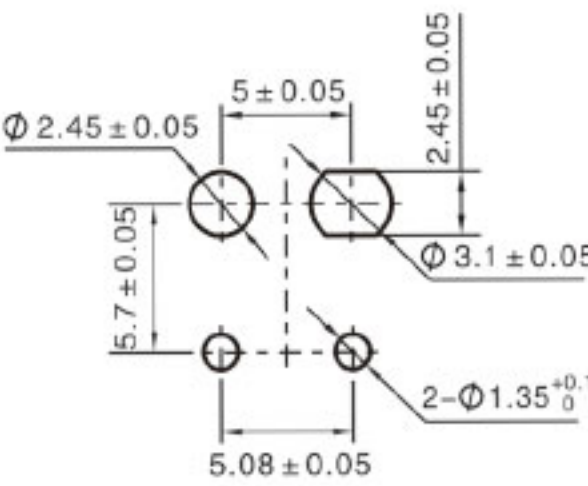
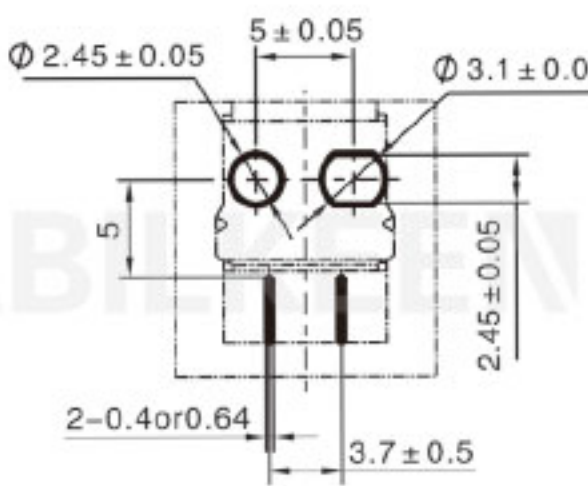




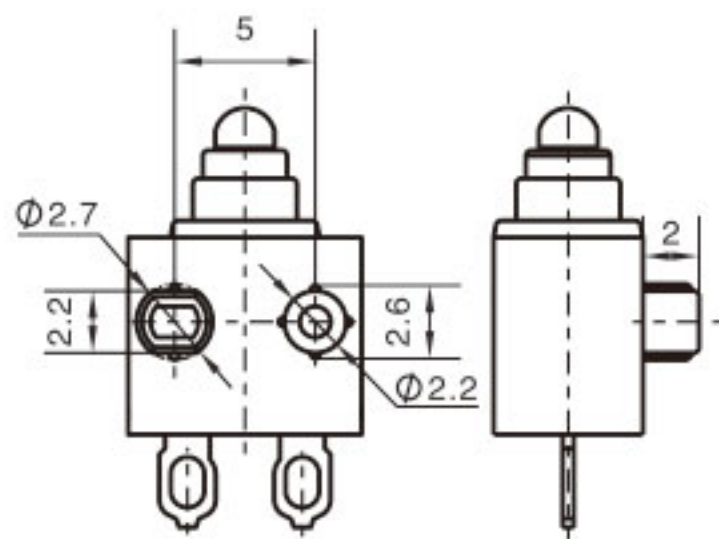
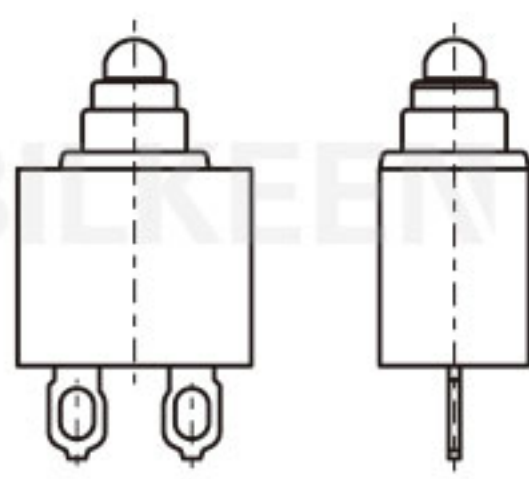
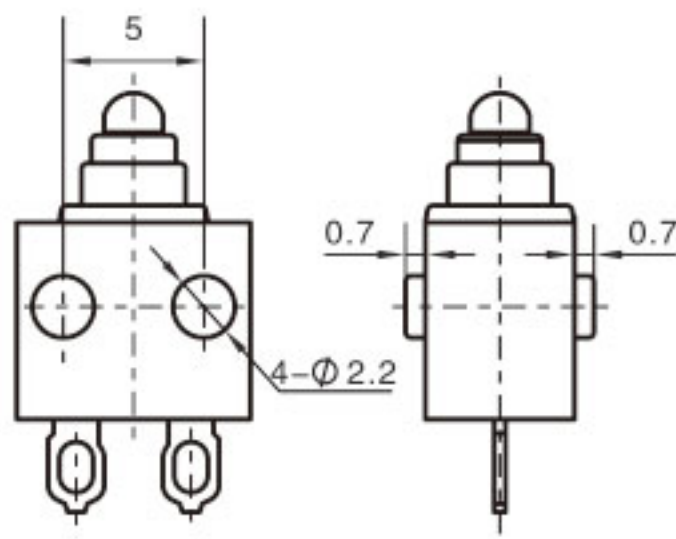
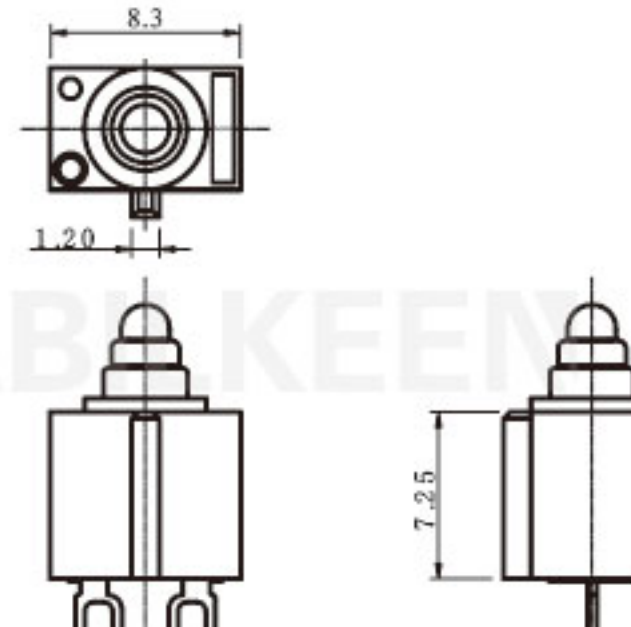
### Outline drawing of wire type 导线型外形图


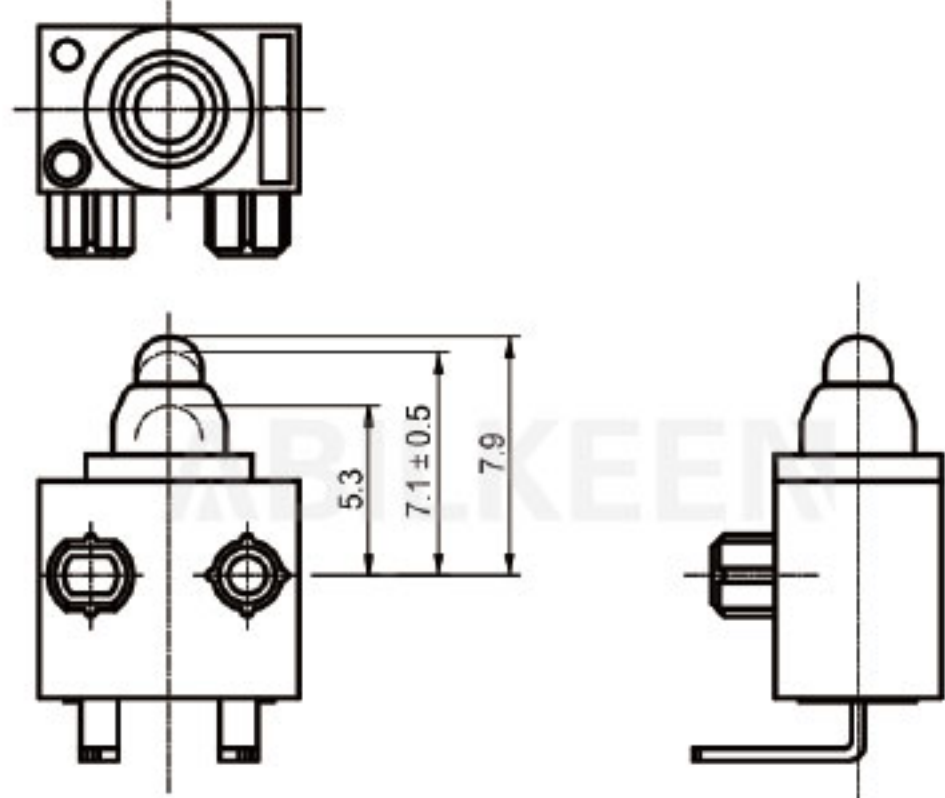

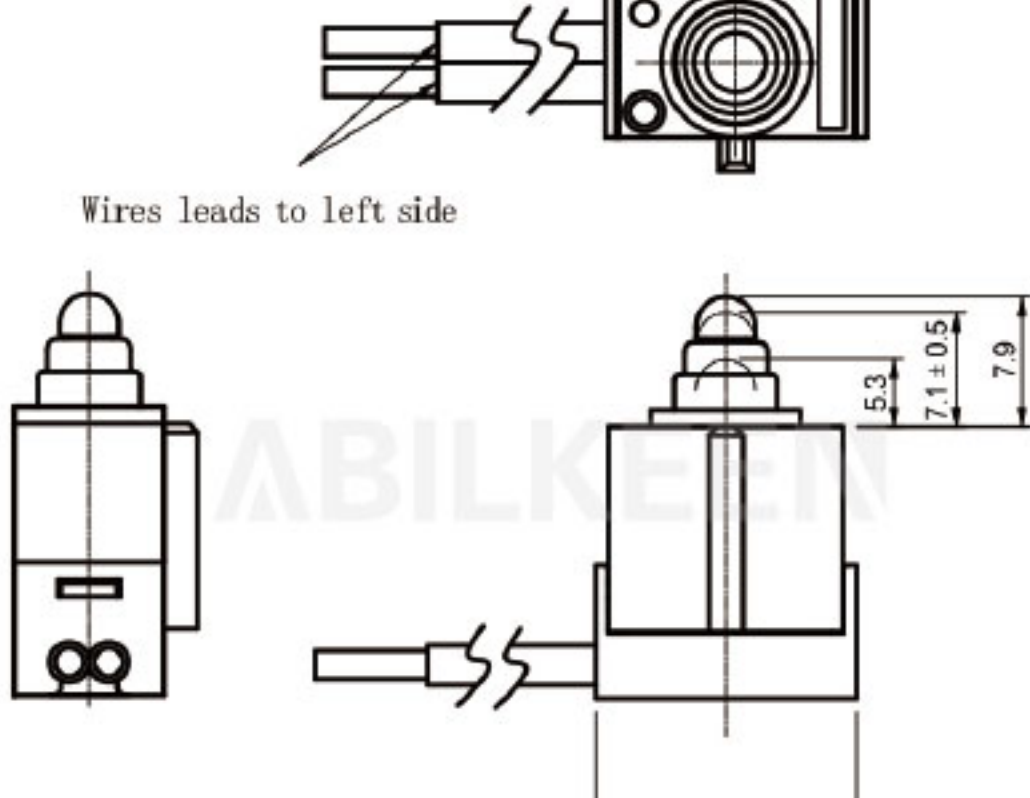

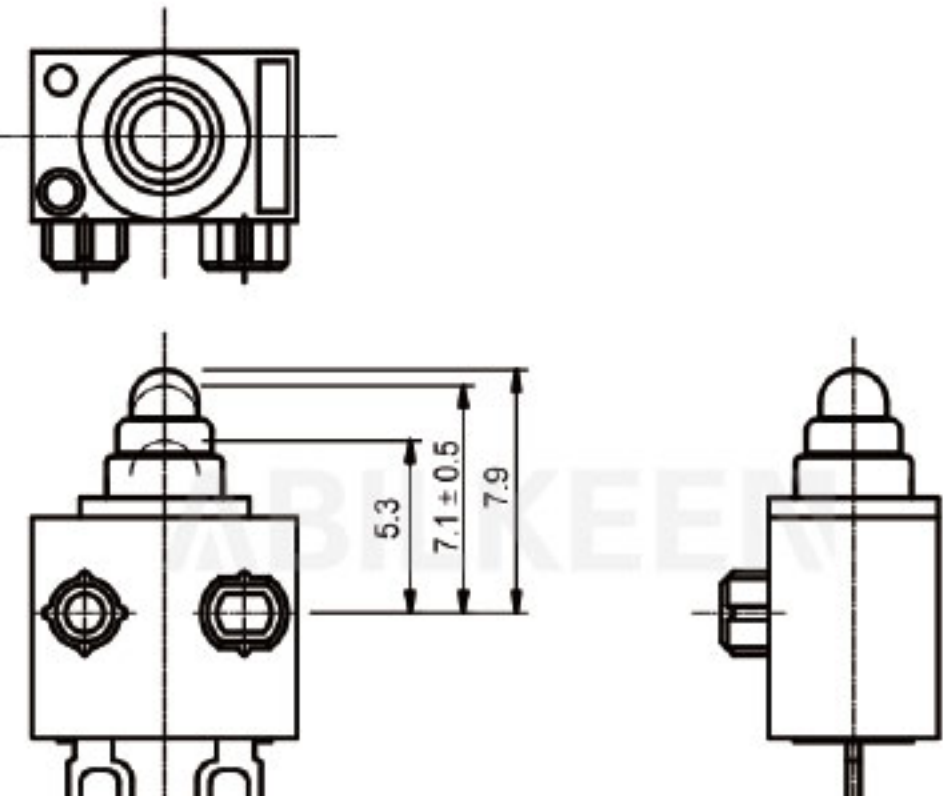

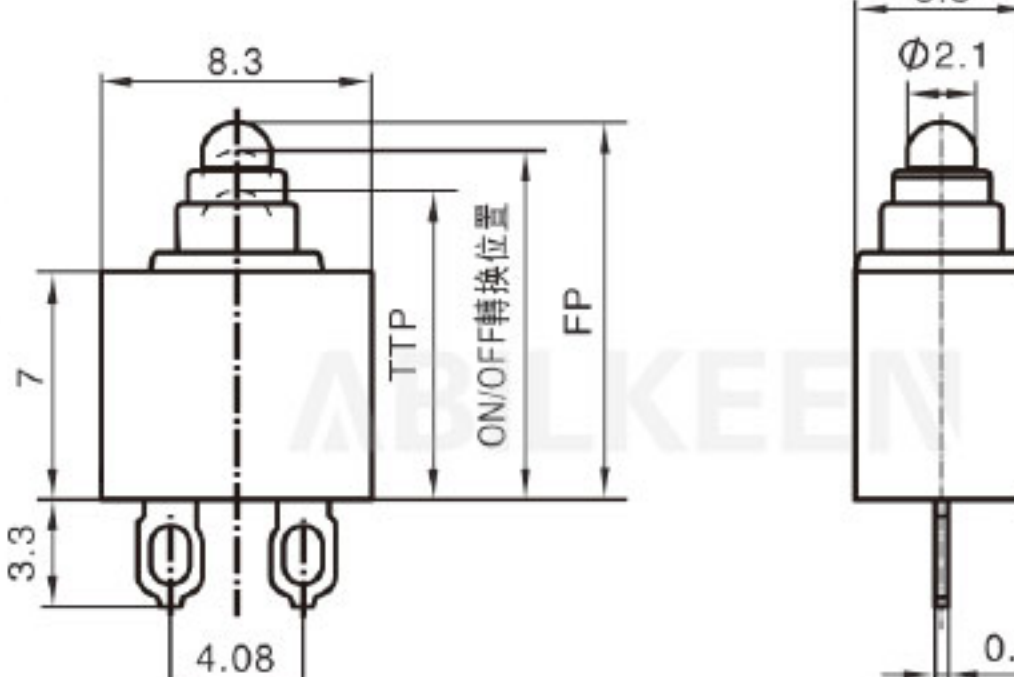
<p>D 底部导线型 Bottom wire type</p> 	<p>L 左面导线型 Left side wire type</p> 	<p>R 右面导线型 Right side wire type</p> 
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### Mounting hole dimensions 安装孔尺寸

<p>定位销 / 固定销间距 Dowel pin / fixing pin distance</p> 	<p>直 PCB 端子安装孔 Straight PCB terminal mounting hole</p> 	<p>左右 PCB 端子安装孔 Left and right PCB terminal mounting hole</p> 	<p>压入式安装孔 Press fit mounting hole</p> 
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### Mounting construction illustration 安装构造说明图

<p>A Post H=2/1.5/5</p> 	<p>B</p> 	<p>C</p> 	<p>D</p> 
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  <p>IKM1-TA150A</p>	 <p>Wires leads to left side</p>  <p>IKM1-TW150DL</p>
  <p>IKM1-TF150A</p>	  <p>IKM1-TF150B</p>



### MicroSwitch Description 微动开关型号说明

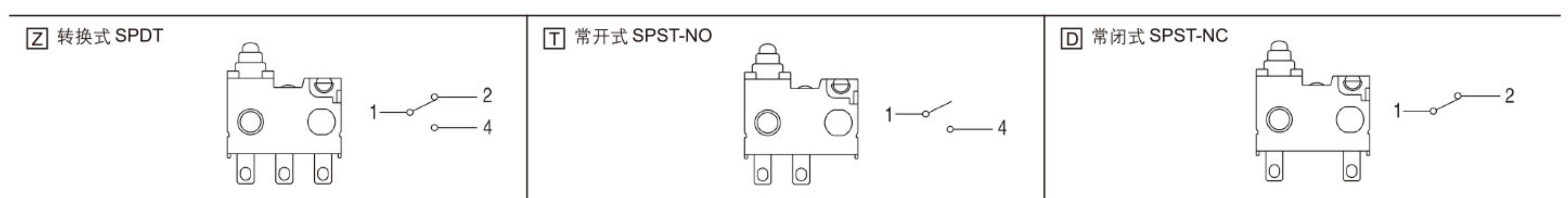
For example: IKM2-Z2F150A

IKM2 -	( )	Z	2	F	150	A
Aibeiken Code	Ratings 额定值	Circuit 接触方式	Actuator forms 驱动方式	Terminal options 端子种类	Operating force 动作(max)	Installation structure 安装构造
	( ): 1mA 5VDC; 50 mA 1 6VDC; 100mA 30VDC Degrees of temperature: 40T85	Z: 转换式 SPDT T: 常开(接通)式 SPST-NO D: 常闭(按断)式 SPST-NC 见说明书 See illustration	0: 无动臂 No lever 2: 直动臂 Straight lever 8: 弧形动臂 Arclever B: 非标准动臂 Not standard lever 注: 1)B 表示非标准动臂的代号。 2) 若动臂为内安装式, 则在动臂代号后加字母 N。 Note: 1)B Indicate not standard lever. 2) If lever is amoundard inside, add letter "N" after the lever code.	F: 焊接端子 Solder terminal P: PCB 端子 PCB terminal PL: 左侧面 PCB 端子 Left side PCB terminal PR: 右侧面 PCB 端子 Right side PCB terminal B: 底部(向下)导线型 Bottom(downward) wire type L: 左面导线型(左右的定义见图示) Left side wire type (definition of right and left is shown in diagram) R: 右面导线型 Right side wire type Y: 非标准端子 Not standard terminal	150: 1.5N 注: 若是非标准动作力, 用此动作力上限值表示。 Note: If it is not standard operating force, indicate with the upper limit.	A: 安装孔 $\phi 3$ 标准型 Mounting hole $\phi 3$ standard type C: 左侧面固定销(仅限 F 端子) Left side fixed pin (only F terminal) D: 右侧面固定销(仅限 F 端子) Right side fixed pin(only F terminal) E: 左侧面定位销(仅限 F 端子) Left side dowel pin(only F terminal) F: 右侧面定位销(仅限 F 端子) Right side dowel pin (only F terminal)

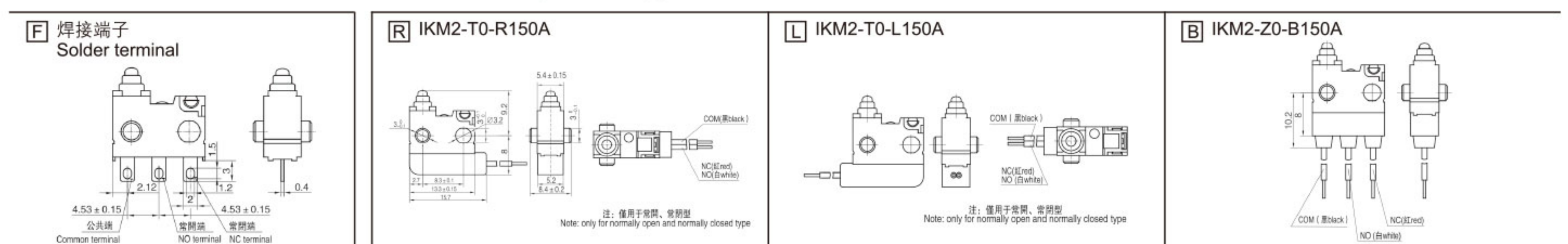
### Specifications For Micro Switch Series

Project 项目	Parameter 参数	Project 项目	Parameter 参数
工作速度 Operating Speed	30~600mm/s(No lever)	耐电压 Withstand Voltage	600VAC, 1 min/1500VAC, 1 min
接触电阻 Contact Resistance	$\leq 100/500m\Omega$ (Wired)	环境温度 Environment Temperature	-40°C ~+85°C
绝缘电阻 Insulation Resistance	$\geq 100M\Omega$ 500VDC	电气寿命 Electric Life	$\geq 500,000$ Cycles(5/16V)
工作频率 Operating Frequency	$\leq 25(E) \sim 60(M)/min$	抗振动 Vibration Resistance	10~55Hz, 1.5mm

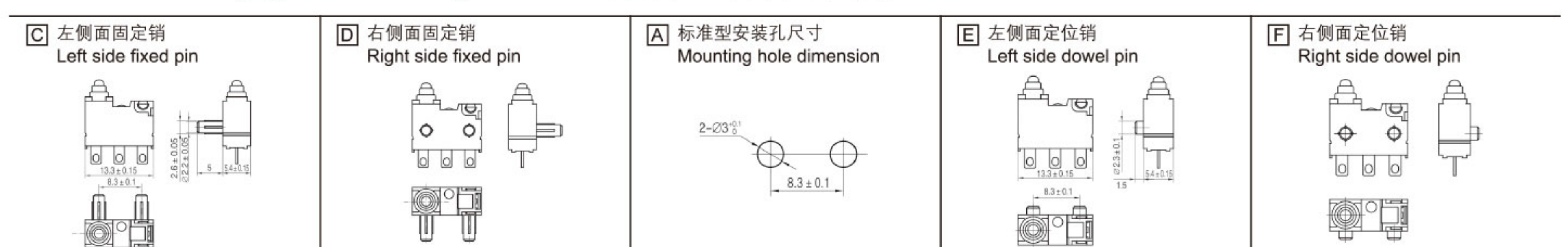
### Circuit illustration 接触形式说明图



### Terminal dimensions 接线端尺寸 Outline drawing of wire type 导线型外形图



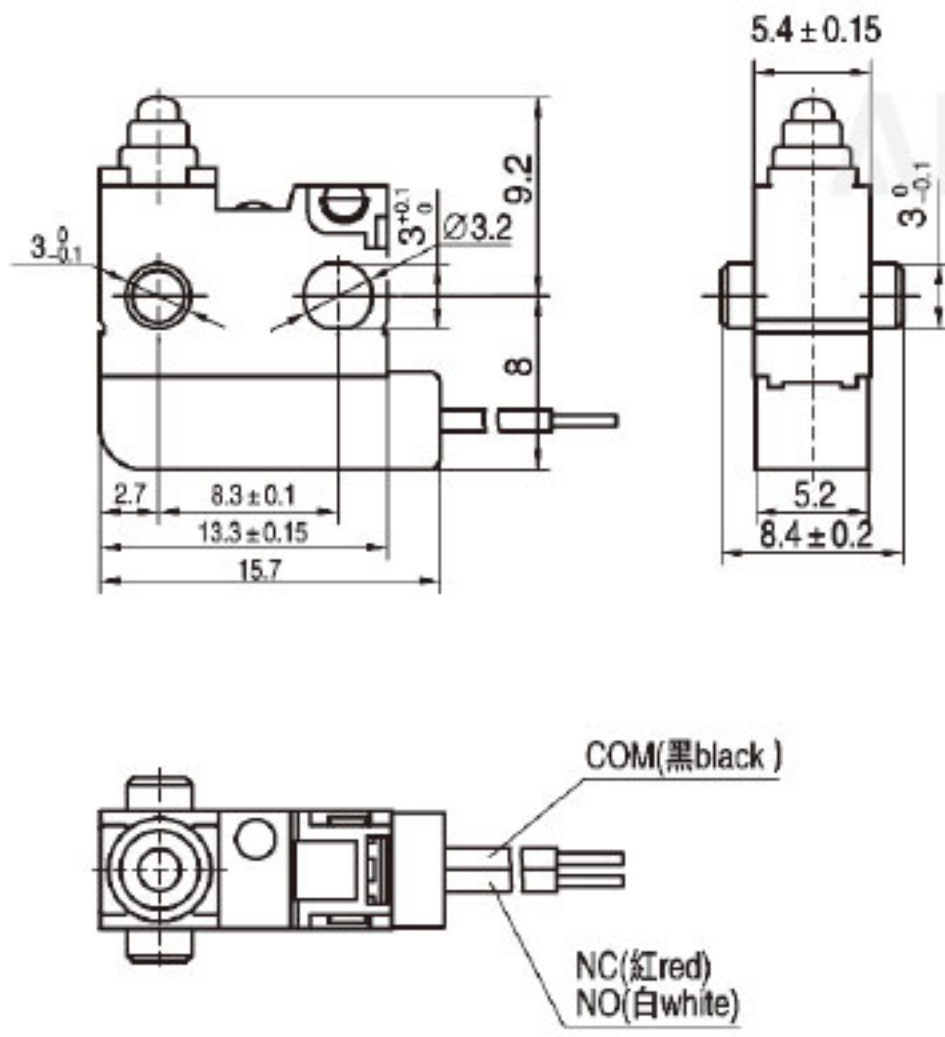
### Illustration of housing type and mounting dimension 外壳类型及安装尺寸说明图





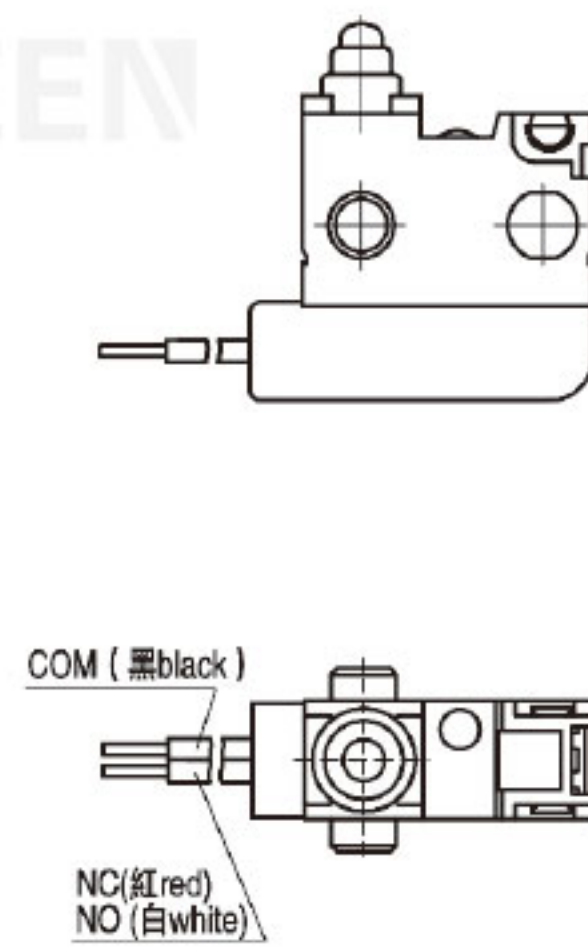
### Outline drawing of wire type 导线型外形图

**R** 右面导线型  
Right side wire



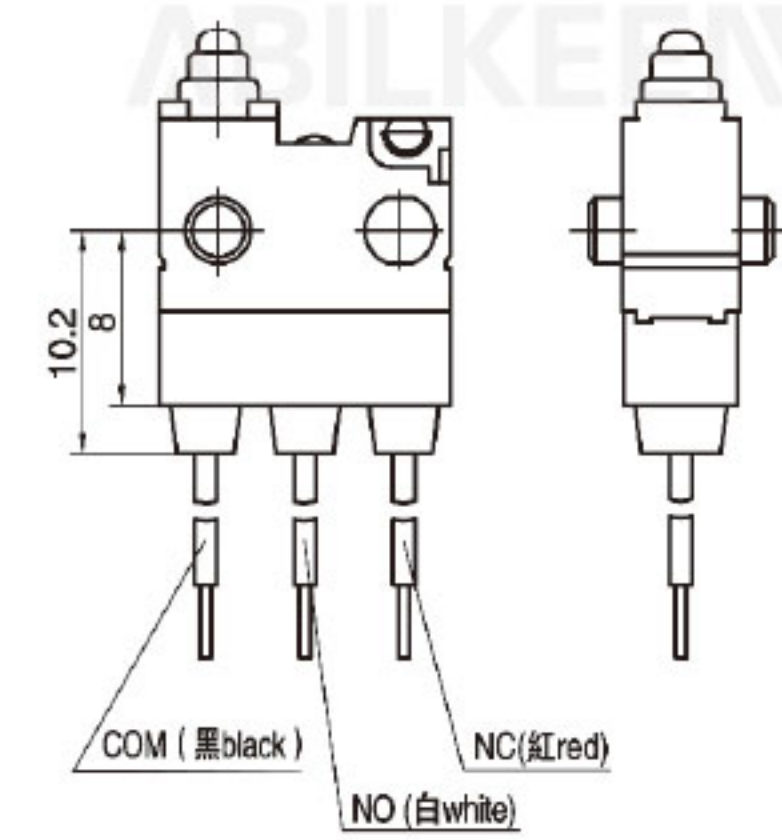
注：仅用于常开、常闭型  
Note: only for normally open and normally closed type

**L** 左面导线型  
Left side wire

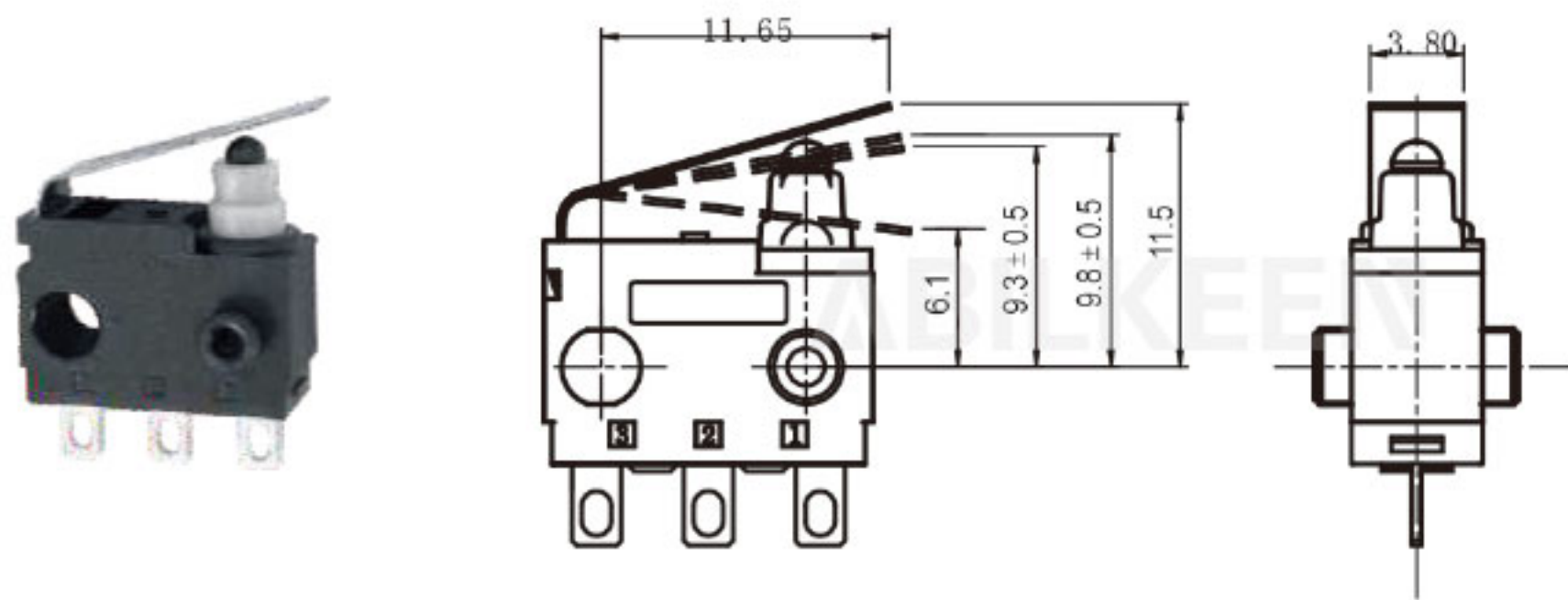


注：仅用于常开、常闭型  
Note: only for normally open and normally closed type

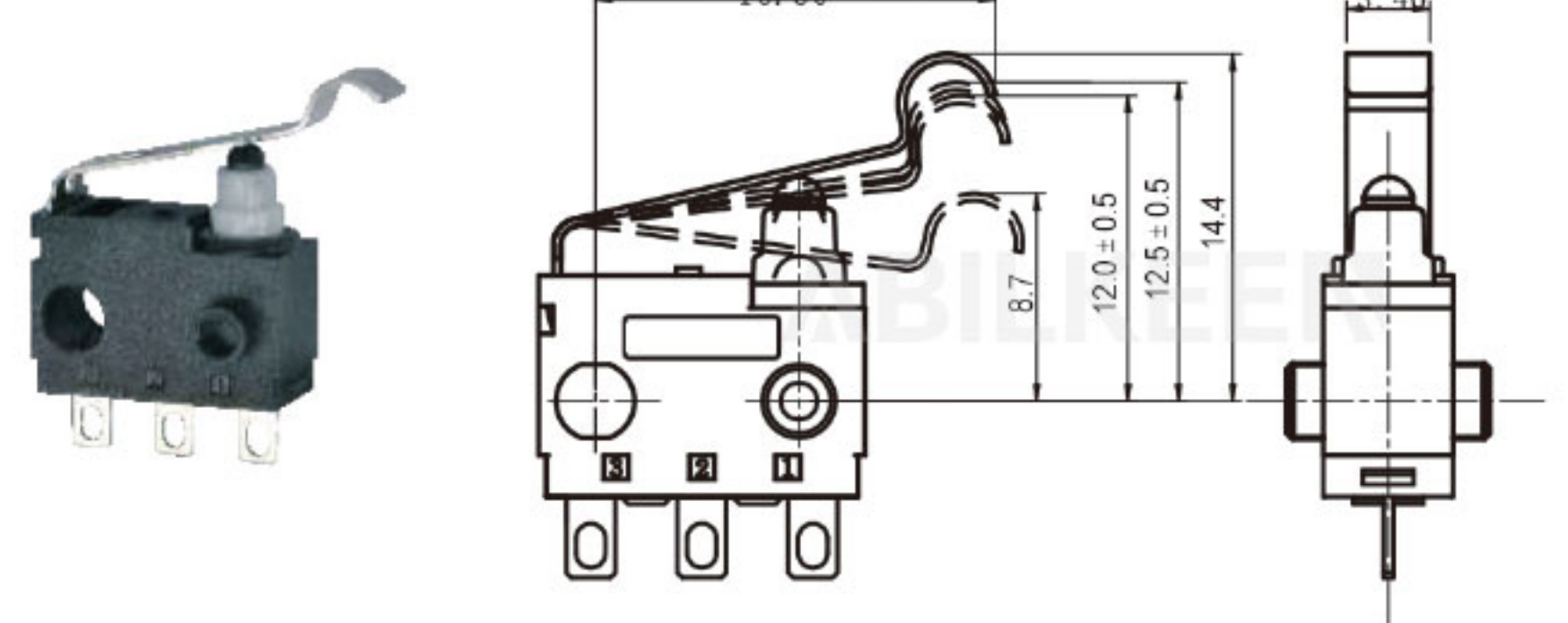
**B** 底部导线型  
Bottom wire



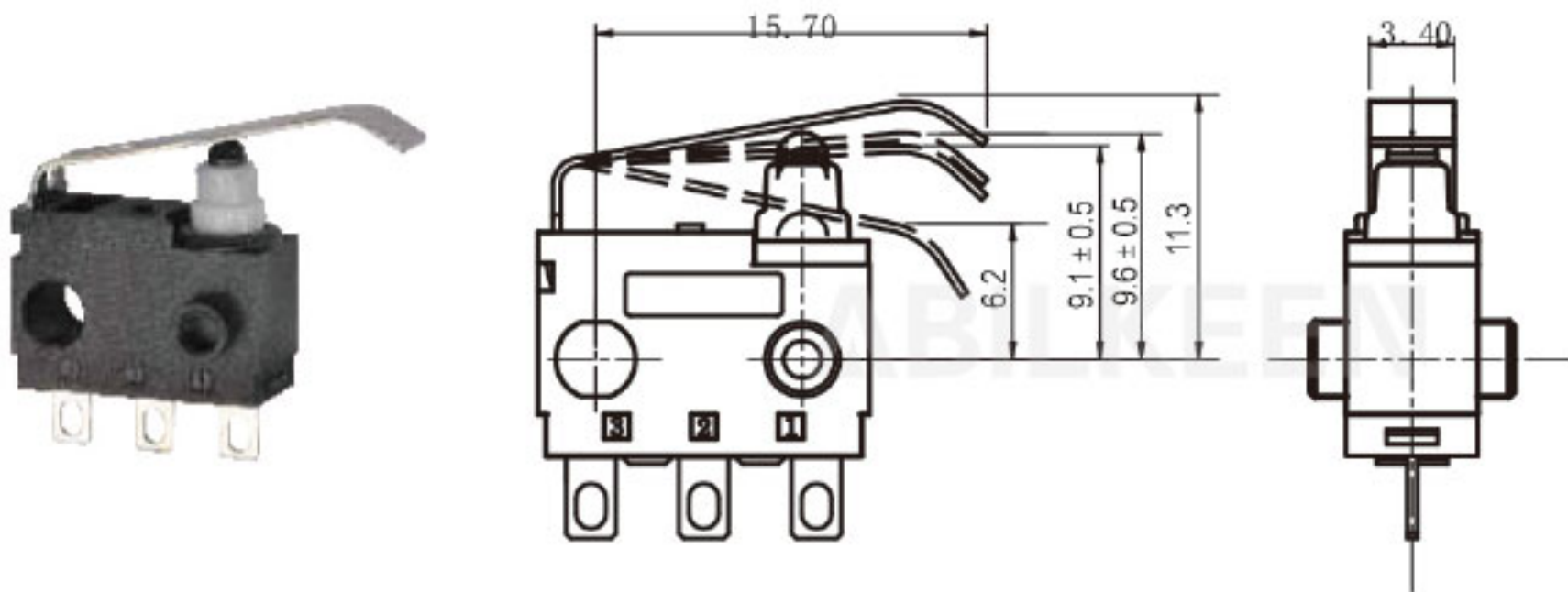
IKM2-Z2F150A



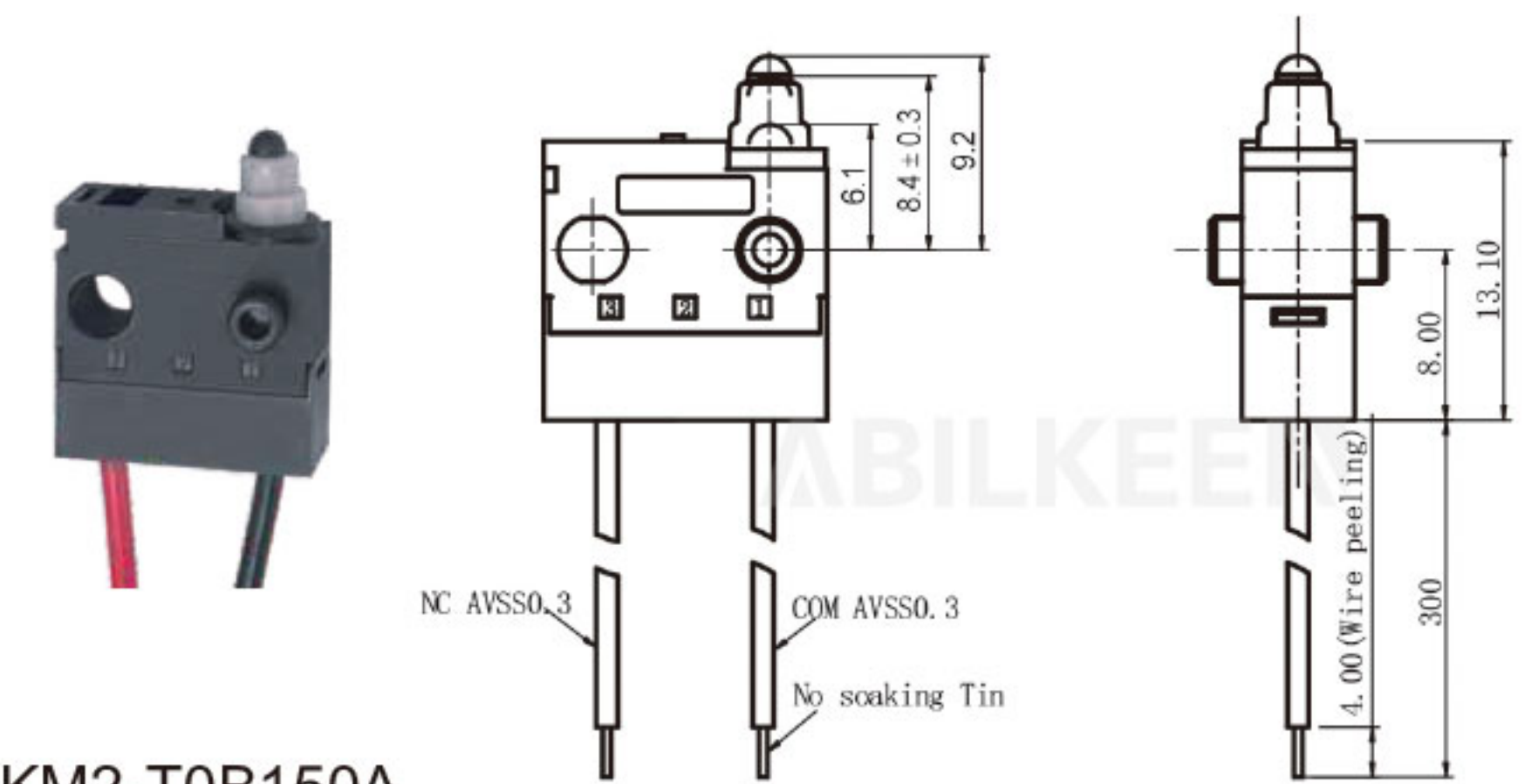
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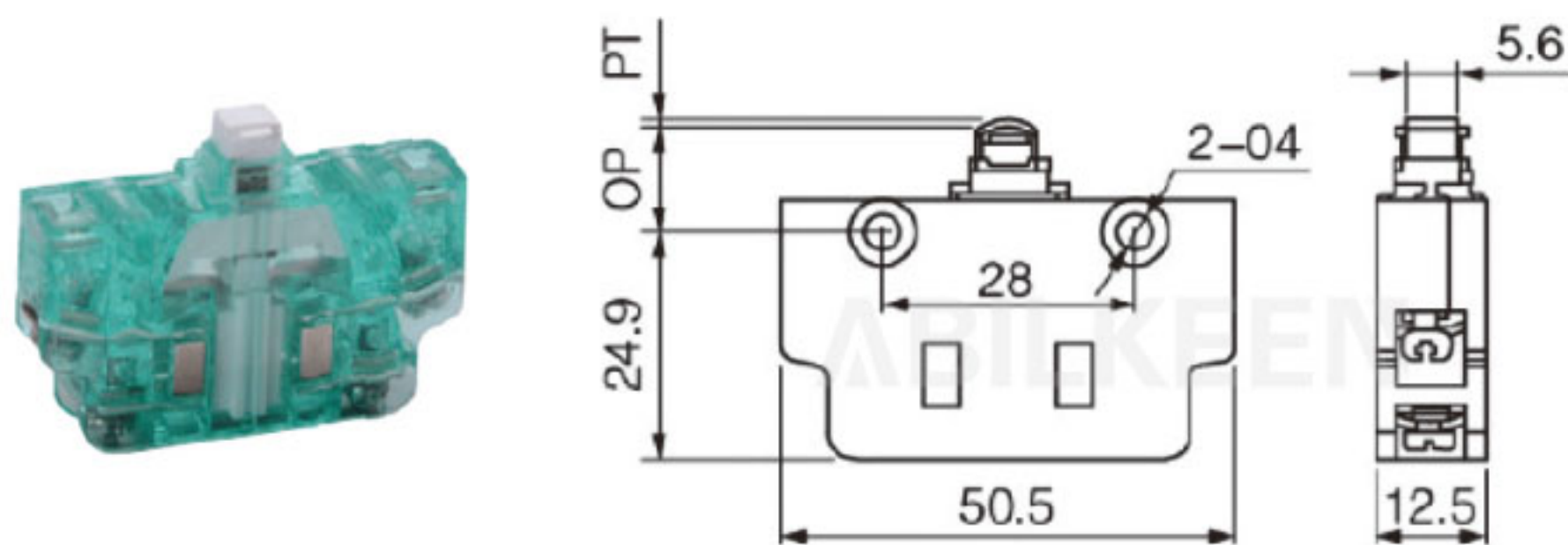
IKM2-EBF150A



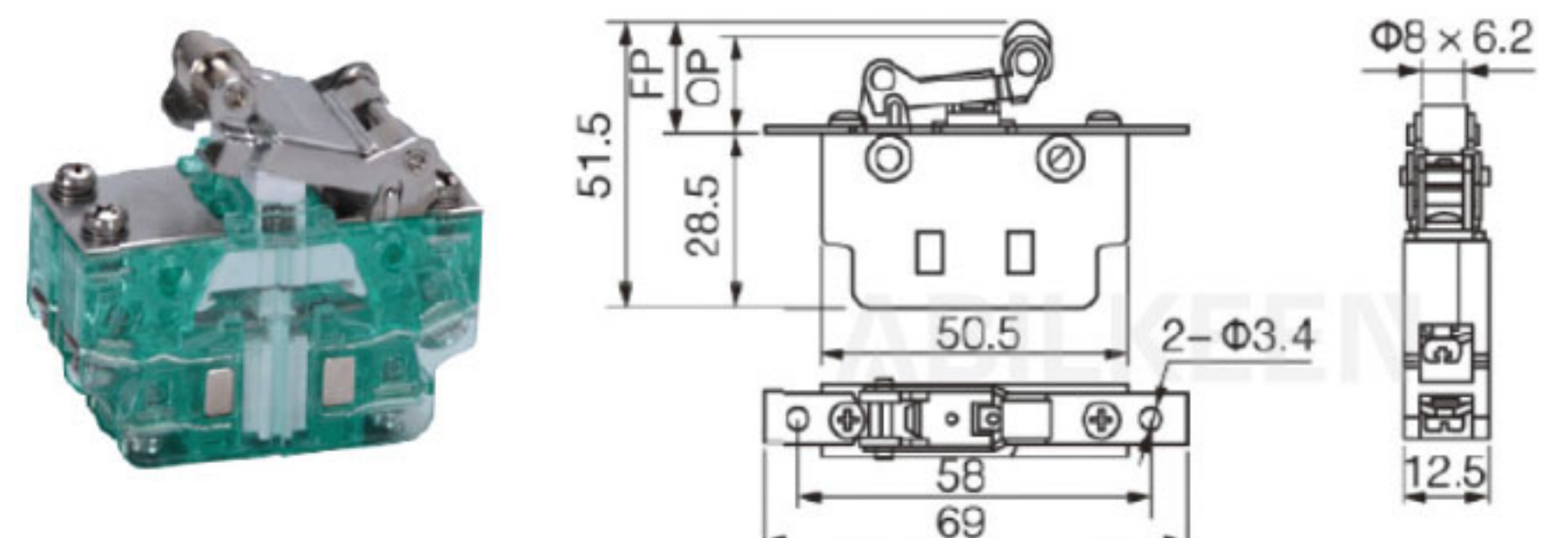
IKM2-T0B150A



IKW4-S0



IKW4-S4





### MicroSwitch Description 微动开关型号说明

For example: IKM3A-Z2F100A150

IKM3A	( )	Z	0	F	100	A	150
Aibeiken Code	Ratings 额定值	Circuit 接触方式	Actuator forms 驱动方式	Terminal options 端子种类	Operating force 动作 (max)	Installation structure 安装构造	Wire length of wire type terminal(mm) 导线型端子导线长度(毫米)
A/B:IP67 C:IP40	( ): 0.1A 48VDC 125/250VAC 3A 12VDC Degrees of temperature: 40T130	Z: 转换式 SPDT T: 常开(接通)式 SPST-NO D: 常闭(按断)式 SPST-NC 见说明书 See illustration	0: 无动臂 No lever A1/1: 短直臂 Short straight A2/2: 中直臂 Middle straight A3/3: 长直臂 Long straight A4/4: 短滚轮臂 Short roller A5/5: 中滚轮臂 Middle roller A6/6: 长滚轮臂 Long roller A7/7: 短弧形 Short arc A8/8: 中弧形 Middle arc A9/9: 长弧形 Long arc A10/10: 小弯 Small curved A11/11: 中弯 Middle curved A12/12: 大弯 Big curved A13/13: 三角弯 Triangular A14/14: 折弯 Bent curved B: 定制 Customize 注: 1)A 表示动臂安装在靠近按钮位置, 无字母 A 表现动臂安装在离按钮较远位置。 Note: 1)A indicate the lever near to the plunger, no A indicate the lever far away from the plunger.	F: 焊接端子(长2.4) Solder terminal(L2.4) FC: 长焊接端子(长3.5) Solder terminal(L3.5) P: PCB 端子 PCB terminal PD: 短 PCB 端子 Short PCB terminal PL: 左侧面 PCB 端子 Left side PCB terminal PR: 右侧面 PCB 端子 Right side PCB terminal B: 底部(向下)导线型 Bottom(downward) wire type L: 左面导线型(左右的定义见图示) Left side wire type (definition of right and left is shown in diagram) R: 右面导线型 Right side wire type Y: 非标准端子 Not standard terminal	100: 1.00N 130: 1.30N 195: 1.95N 220: 2.20N 注: 若是非标准动作力, 用此动作力上限值表示。 Note: If it is not standard operating force, indicate with the upper limit.	A: 定位销(双面各1) Dowel pin (each one for double sides) AL: 左2定位销 Left 2 dowel pin AR: 右2定位销 Right 2 dowel pin AA: 双面各2定位销 Each 2 for double sides dowel pin AC: 左1定位销 Left 1 dowel pin AD: 右1定位销 Right 1 dowel pin B: M3 螺钉固定 M3 screw fixed L: 左固定销 Left side fixing pin R: 右固定销 Right side fixing pin W: 无孔无销 Without hole and pin CL: 外形 II 左固定销 shape II left side fixing pin (外形 II 用于 WS5-30 shape II for WS5-30) CR: 外形 II 右固定销 shape II right side fixing pin (外形 II 用于 WS5-30 shape II for WS5-30) DL: 外形 II 左定位销 shape II left dowel pin (外形 II 用于 WS5-30 shape II for WS5-30) DR: 外形 II 右定位销 shape II right dowel pin (外形 II 用于 WS5-30 shape II for WS5-30) CW: 外形 II 无孔无销 shape II without hole and pin (外形 II 用于 WS5-30 shape I for WS5-30) E: 外形 II M3 螺钉固定 shape II M3 screw fixed (外形 II 用于 WS5-30 shape I for WS5-30) DD: 外形 II 双面各2定位销: shape II leach 2 for double sides (外形 II 用于 WS5-30) (外形 II 用于 WS5-30 shape II for WS5-30) FL: 外形 III 左固定销 shape III left side fixing pin (外形 III 用于 WS5-40 shape III for WS5-40) 注: 原外形: 长 14.7/ 宽 5.4/ 高 6.8 外形 II: 长 13.3/ 宽 5.3/ 高 6.5 外形 III: 长 20/ 宽 6.95/ 高 12.3 Note: Original shape: Lenth 14.7/ width: 5.4/ height: 6.8 shape II: Lenth 13.3/ width: 5.3 height: 6.8 shape III: Lenth 20/ width: 6.95/ height: 12.3	150: 150mm 350: 350mm 非导线型该位置空缺 Vacant for non-wire type

### Specifications For Micro Switch Series

Project 项目	Parameter 参数	Project 项目	Parameter 参数
工作速度 Operating Speed	0.1mm~1m/s	耐电压 Withstand Voltage	500VAC, 1 min/1500VAC, 1 min
接触电阻 Contact Resistance	≤ 50/100mΩ (Wired)	环境温度 Environment Temperature	-40 °C ~ +85 °C
绝缘电阻 Insulation Resistance	≥ 100MΩ 500VDC	寿命 Life (E/M)	≥ 100,000/500,000 Cycles
工作频率 Operating Frequency	≤ 25(E)~60(M)/min	抗振动 Vibration Resistance	10~55Hz, 1.5mm

### Circuit illustration 接触形式说明图

	<b>Z</b> 转换式 SPDT 	<b>T</b> 常开式 SPST-NO 	<b>D</b> 常闭式 SPST-NC 
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### Terminal dimensions 接线端尺寸

<b>F</b> 焊接端子(长2.4) Solder terminal(L2.4) 	<b>FC</b> 长焊接端子(长3.5) Solder terminal(L3.5) 	<b>FW</b> 焊接端子(无孔) Solder terminal(without hole) 	<b>P</b> PCB 端子(长4.2) PCB terminal(L4.2) 	<b>PD</b> 短 PCB 端子(长3.1) Short PCB terminal(L3.1) 
--	--	---	---	--



### Terminal dimensions 接线端尺寸

<p><b>PL</b> 左 PCB 端子 Left side PCB terminal</p>	<p><b>PR</b> 右 PCB 端子 Right side PCB terminal</p>	<p><b>B</b> 底部导线型 Bottom wire type</p>	<p><b>L</b> 左面导线型 Left side wire type</p>	<p><b>R</b> 右面导线型 Right side wire type</p>
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### Mounting hole dimension 安装孔尺寸

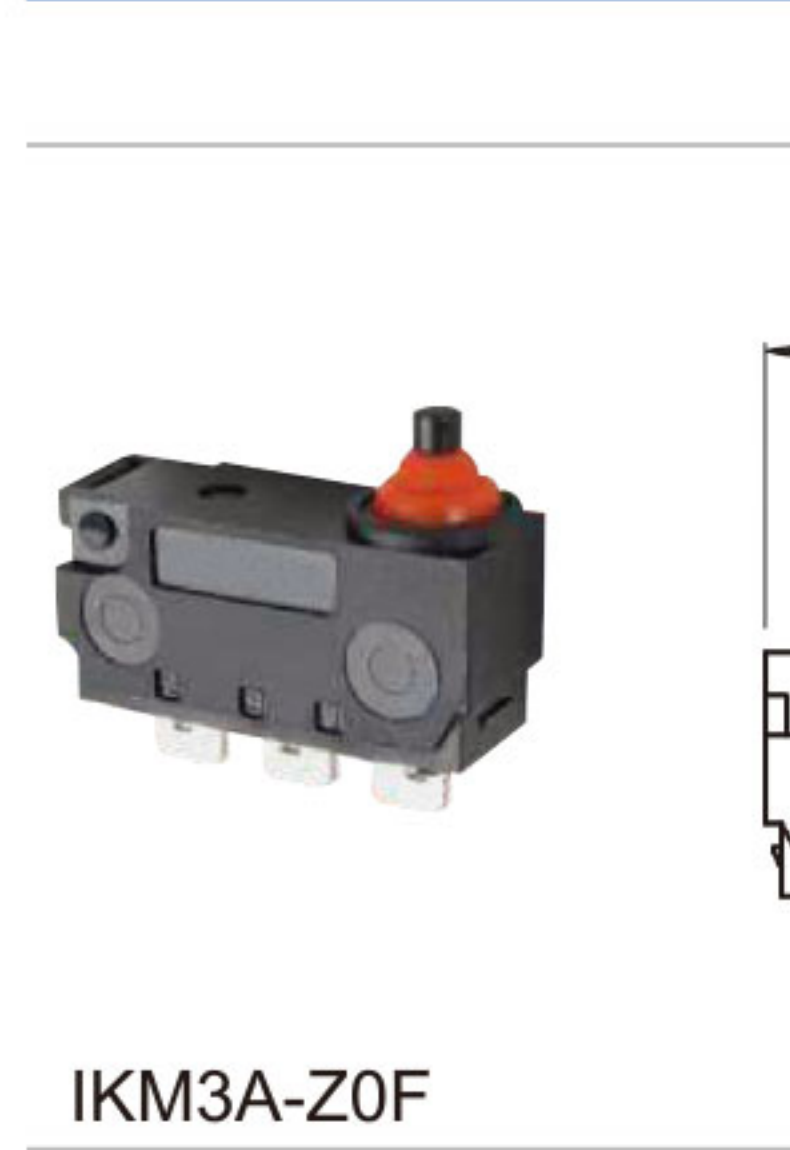
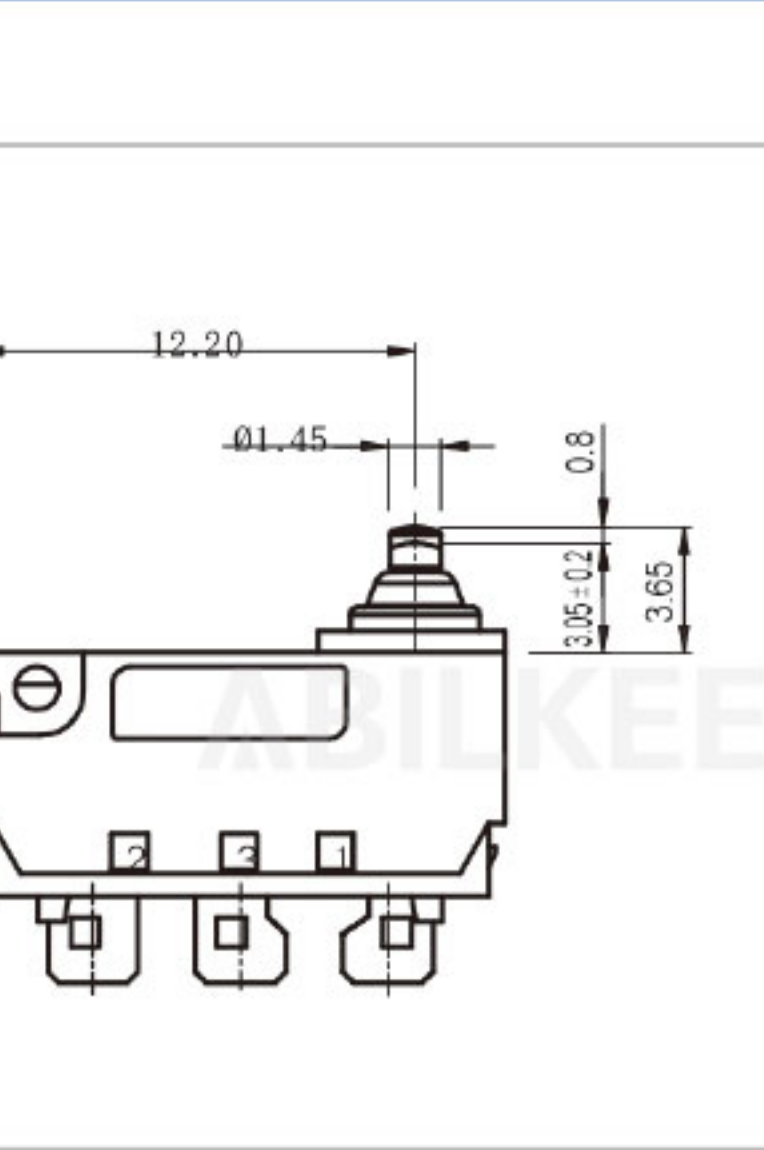
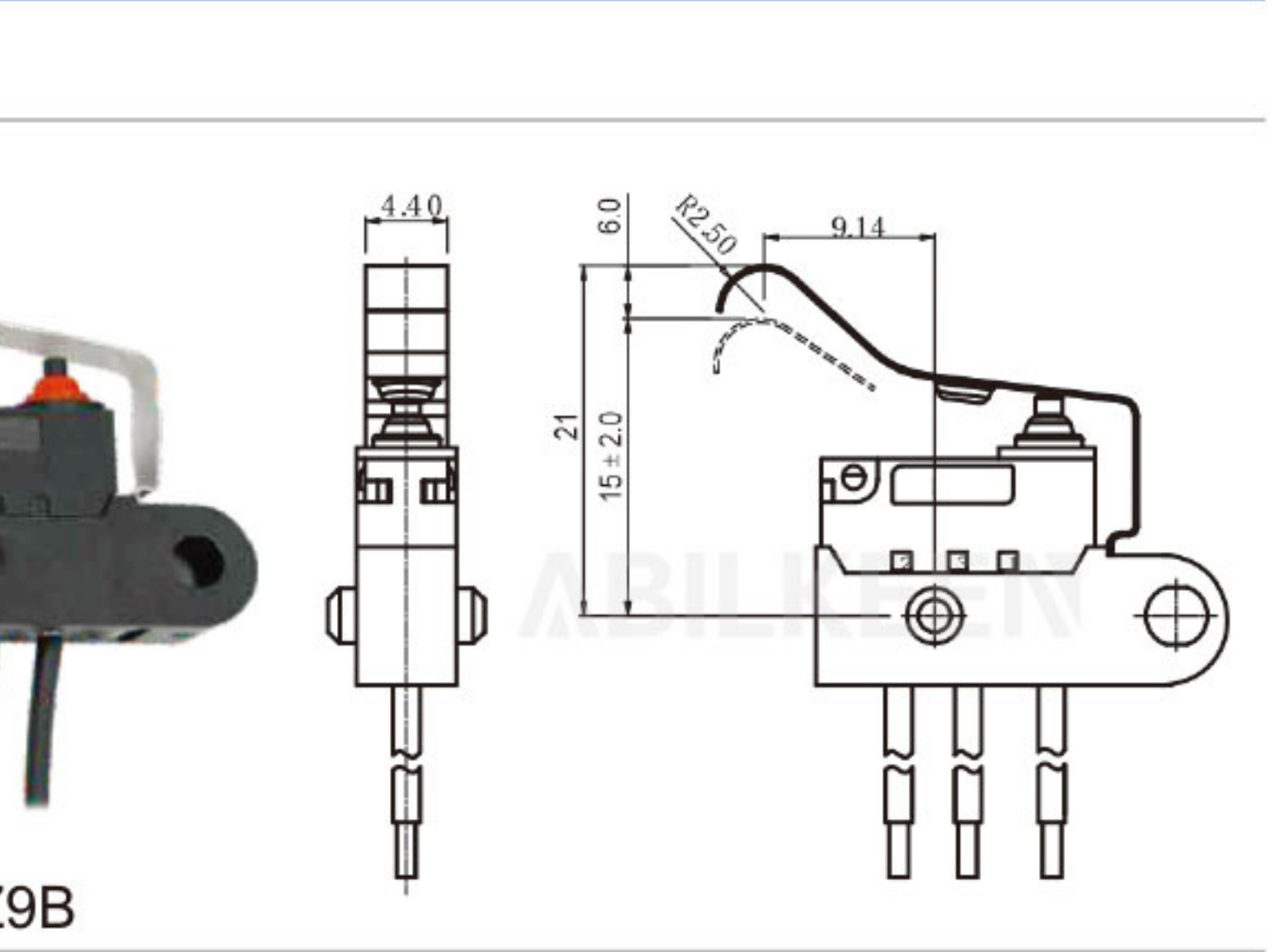
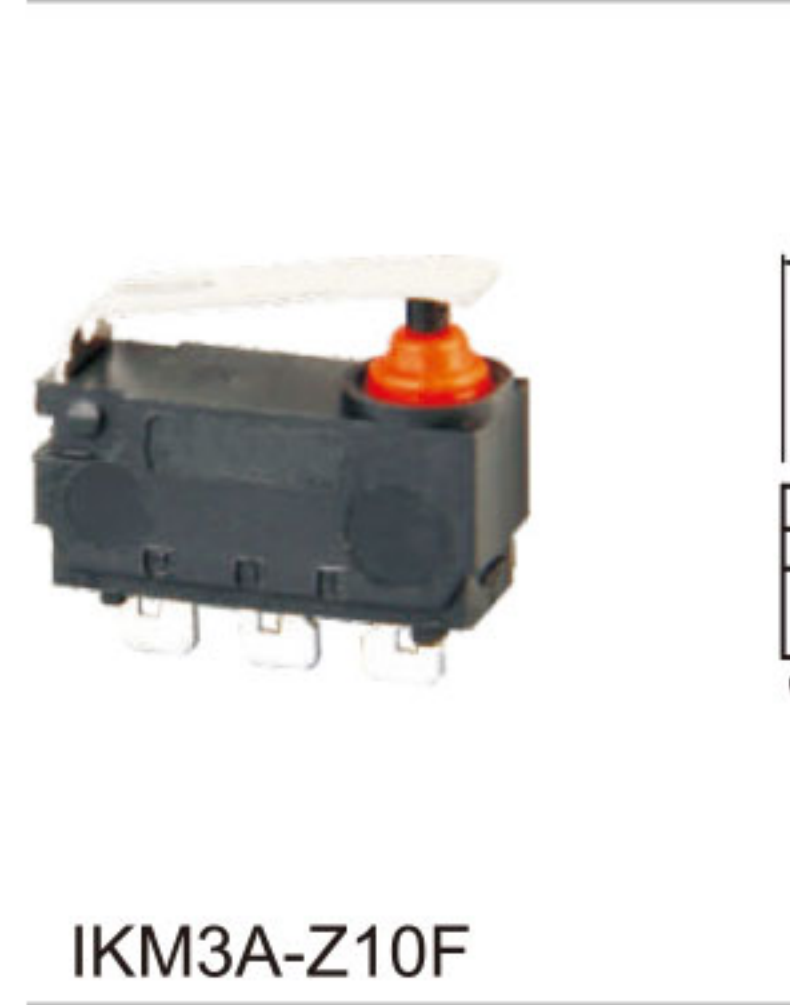
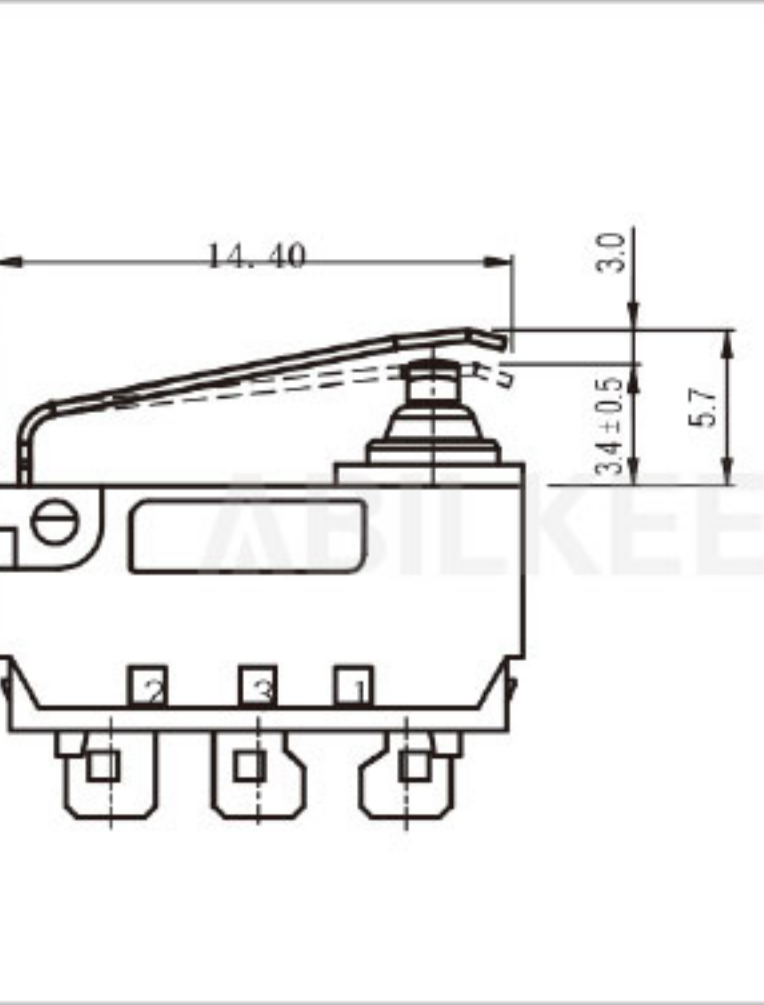
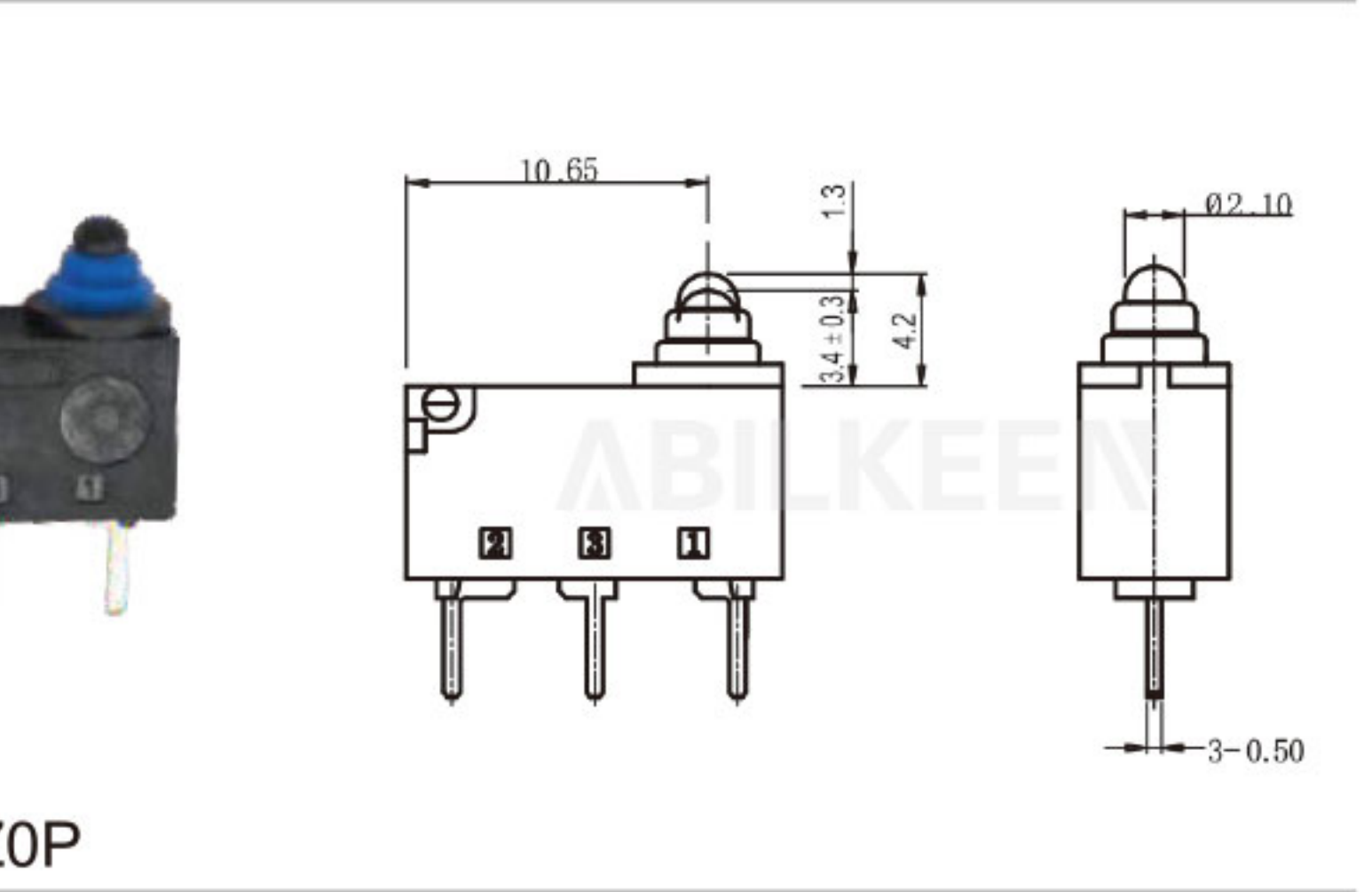
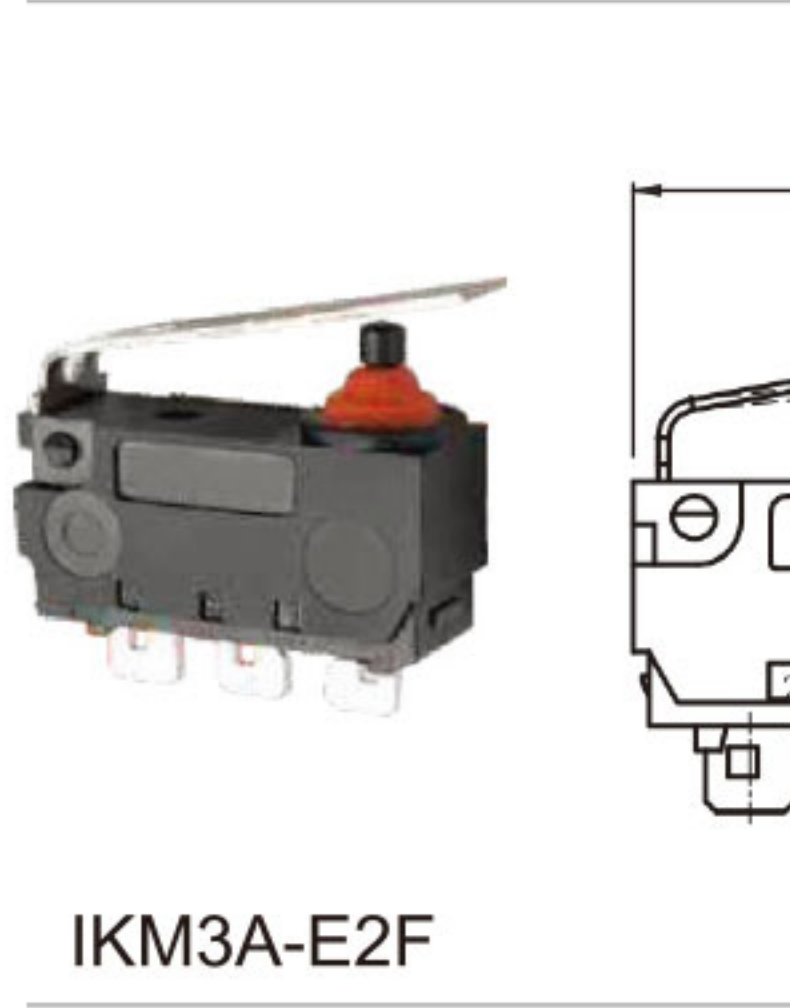
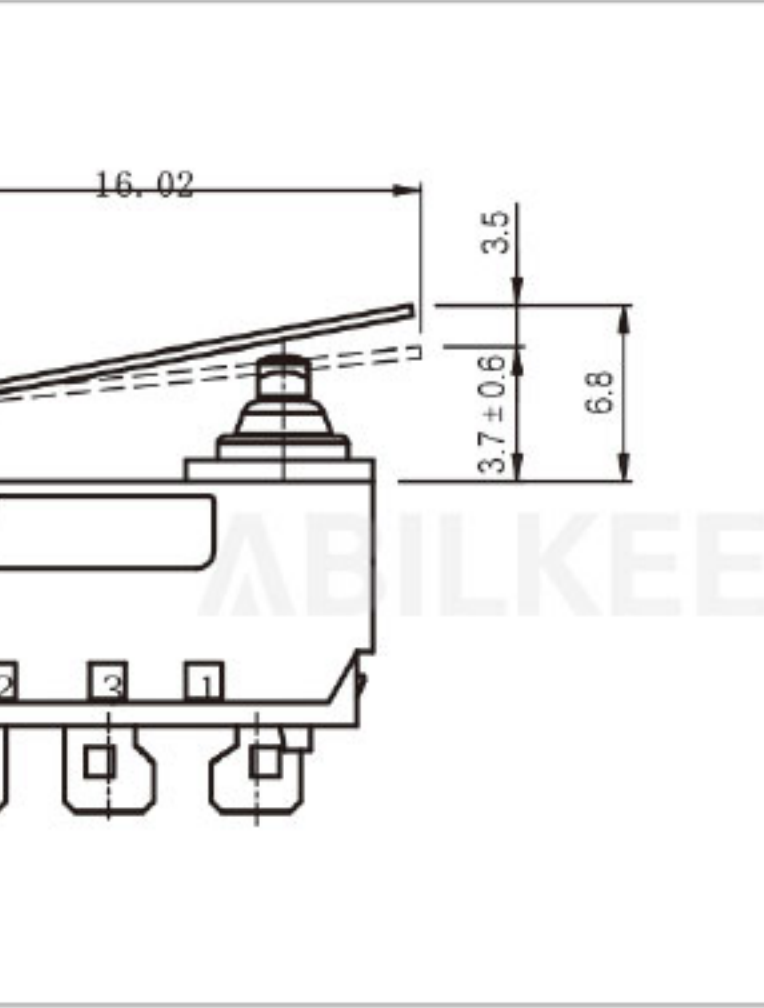
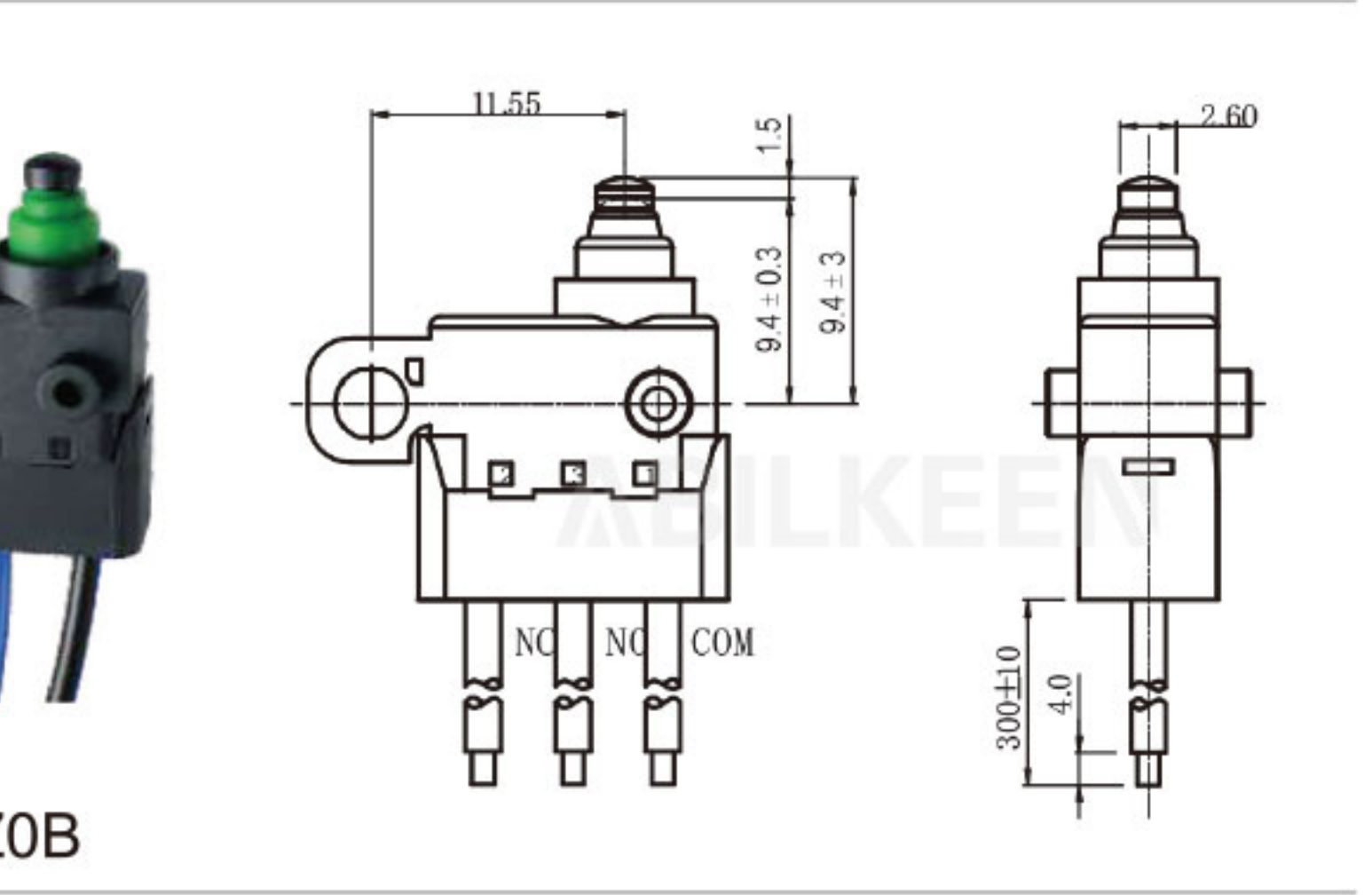
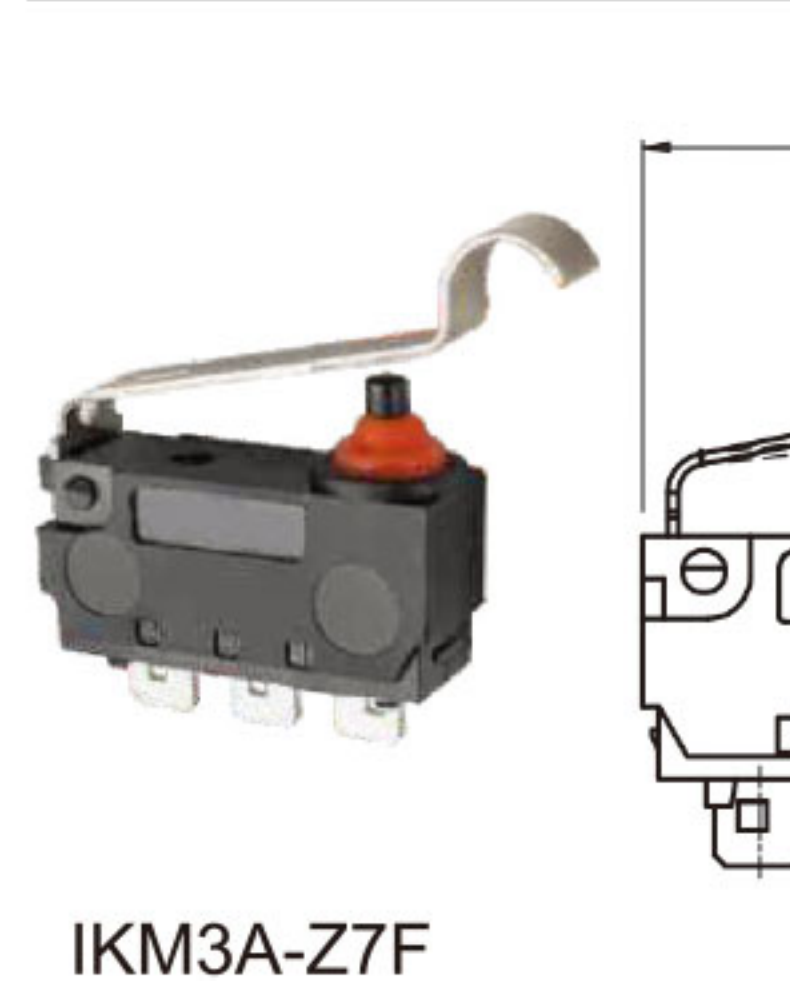
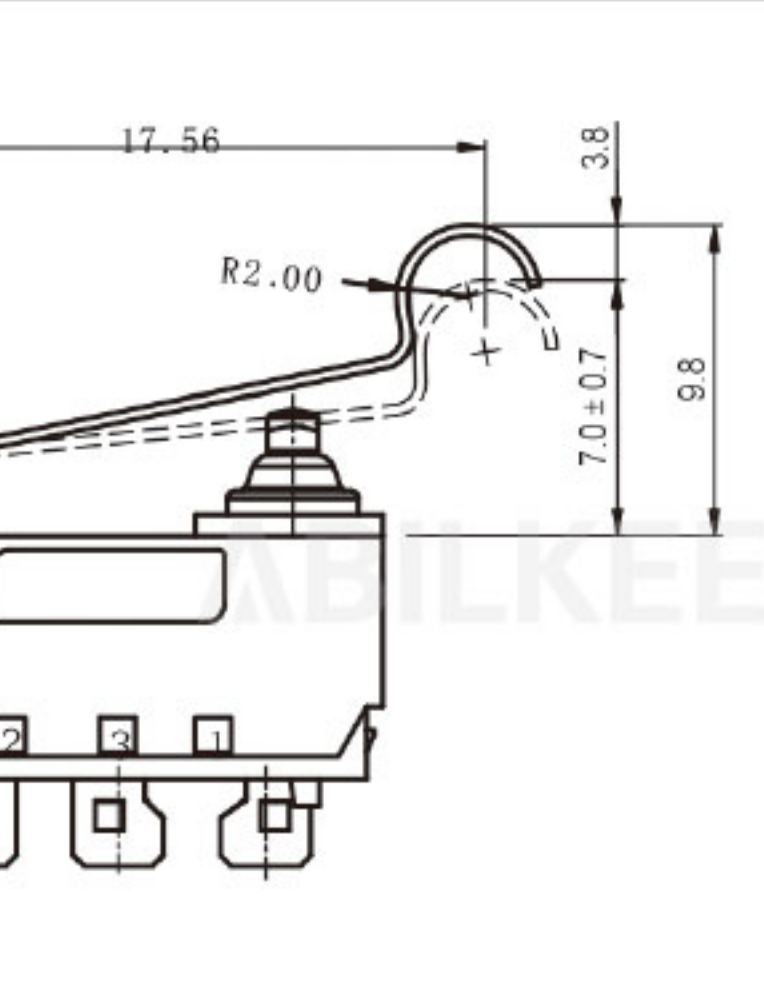
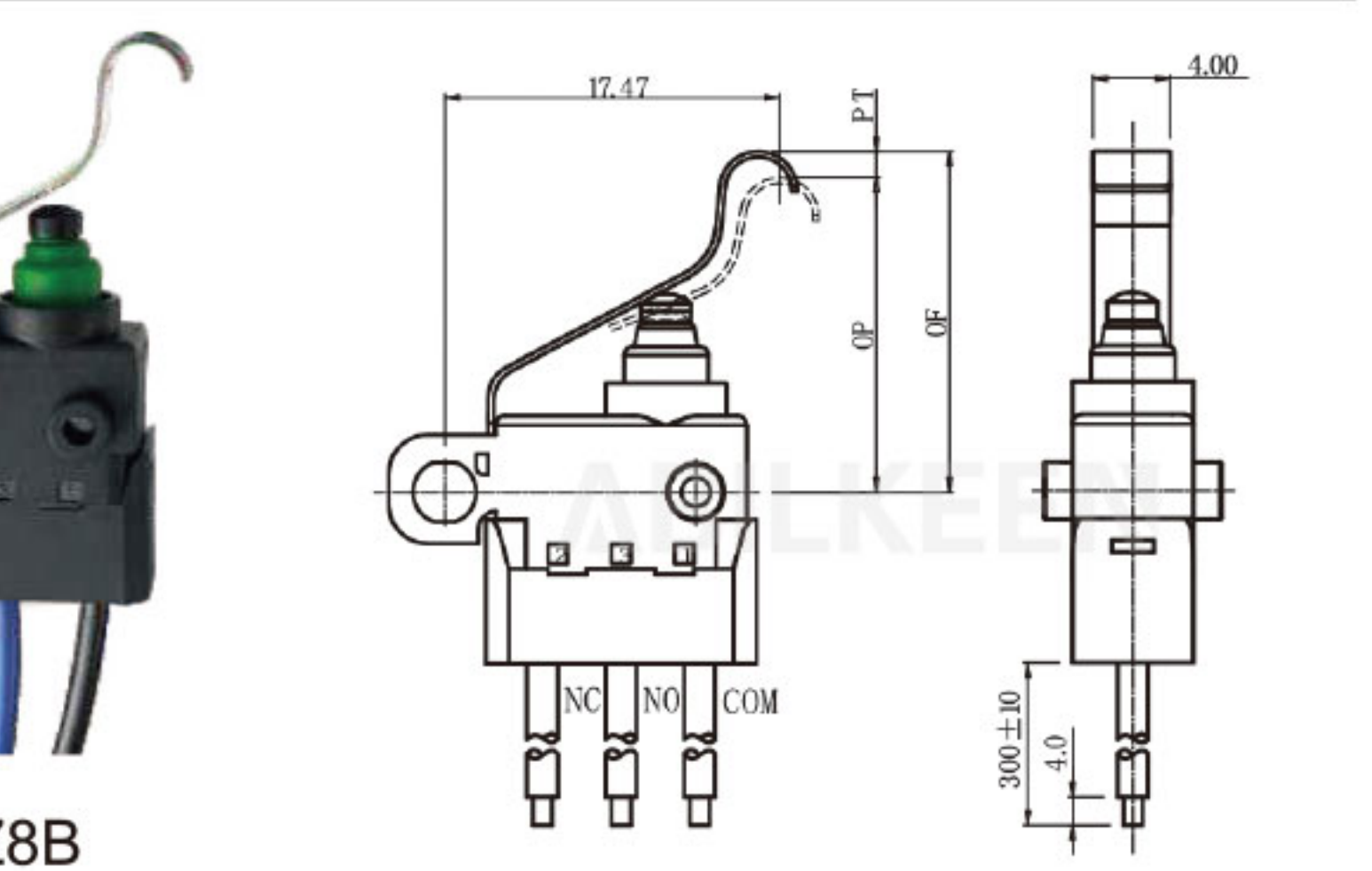



	定位销 / 固定销间距 Dowel pin / fixing pin distance	直 PCB 端子安装孔 Straight PCB terminal mounting hole	左右 PCB 端子安装孔 Left and right PCB terminal mounting hole	M3 螺钉安装孔 M3 screw mounting hole
IKM3 IKM3-20				
IKM3-IP40 -2041				
IKM3 IKM3-20				
IKM3-IP40 -2041				

### Mounting construction illustration 安装构造说明图

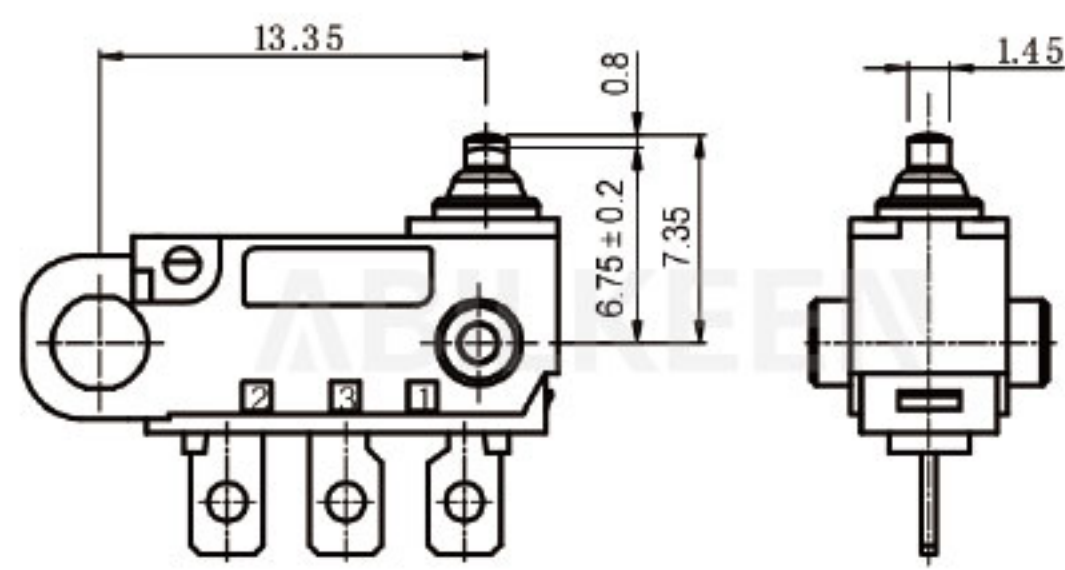
<p><b>A</b></p>	<p><b>AL</b></p>	<p><b>IP40 不防水型 Non-waterproof type</b></p>	<p><b>AR</b></p>	<p><b>IP40 不防水型 Non-waterproof type</b></p>
<p><b>AA</b></p>	<p><b>IP40 不防水型 Non-waterproof type</b></p>	<p><b>AC</b></p>	<p><b>AD</b></p>	<p><b>B</b></p>
<p><b>L</b></p>	<p><b>R</b></p>	<p><b>W</b></p>		
<p><b>CL</b></p>	<p><b>CR</b></p>	<p><b>DL</b></p>	<p><b>DR</b></p>	<p><b>CW</b></p>



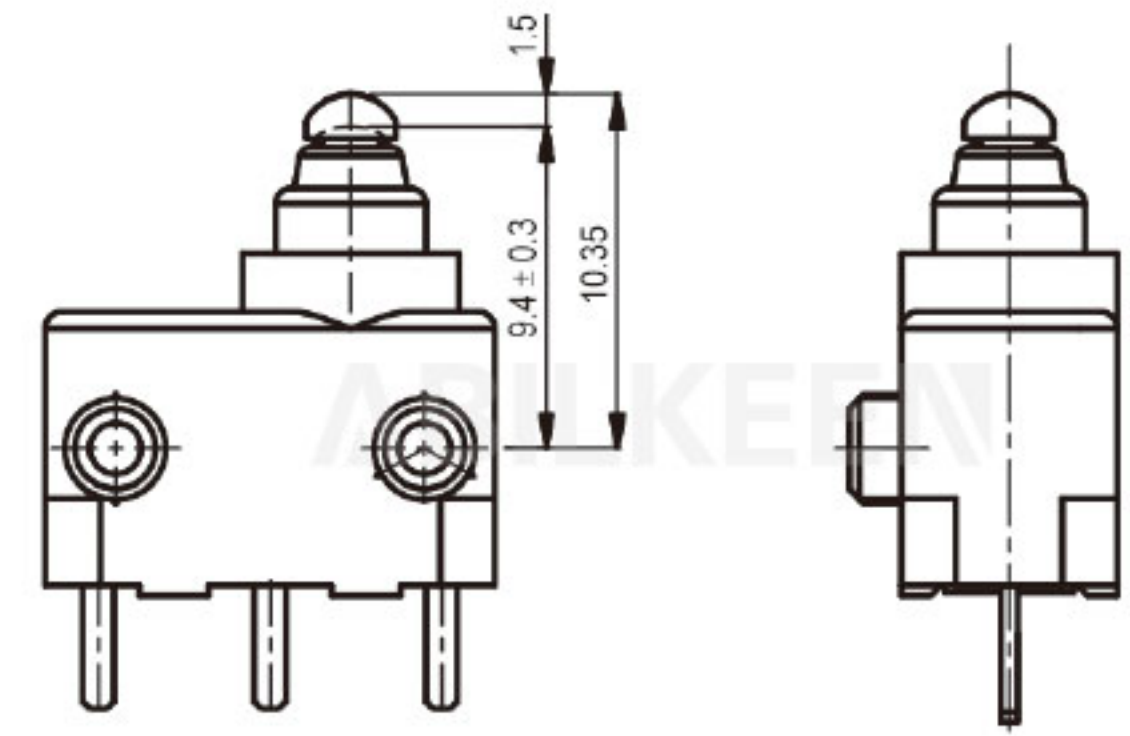
### Mounting construction illustration 安装构造说明图

DD	E		FL
 <p>IKM3A-Z0F</p>	 <p>IKM3A-Z9B</p>		 <p>IKM3A-Z10F</p>
 <p>IKM3A-Z0F</p>	 <p>IKM3A-Z9B</p>		 <p>IKM3A-Z10F</p>
 <p>IKM3A-Z10F</p>	 <p>IKM3A-Z0P</p>		 <p>IKM3A-Z0P</p>
 <p>IKM3A-E2F</p>	 <p>IKM3A-Z0B</p>		 <p>IKM3A-Z0B</p>
 <p>IKM3A-Z7F</p>	 <p>IKM3A-Z8B</p>		 <p>IKM3A-Z8B</p>

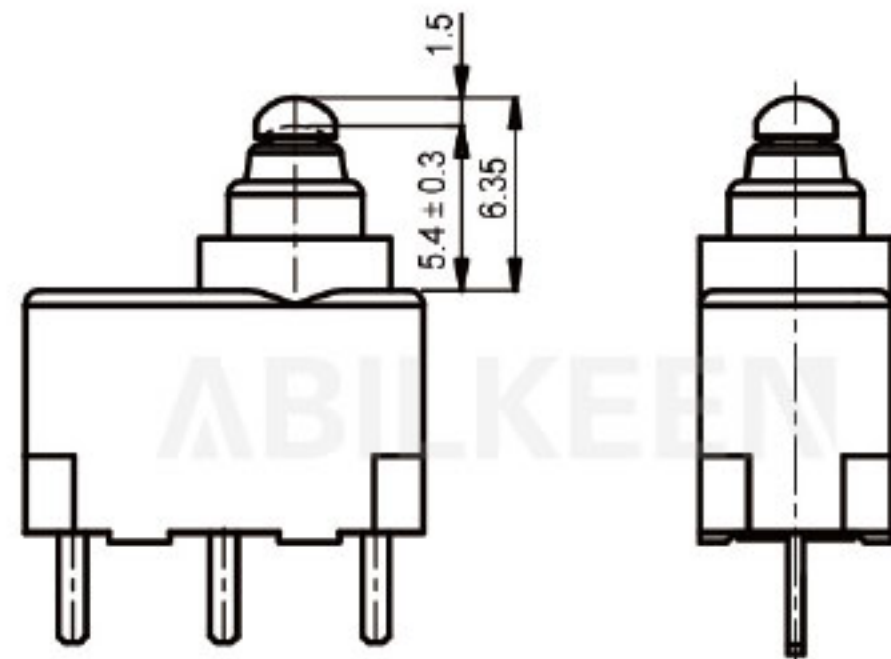




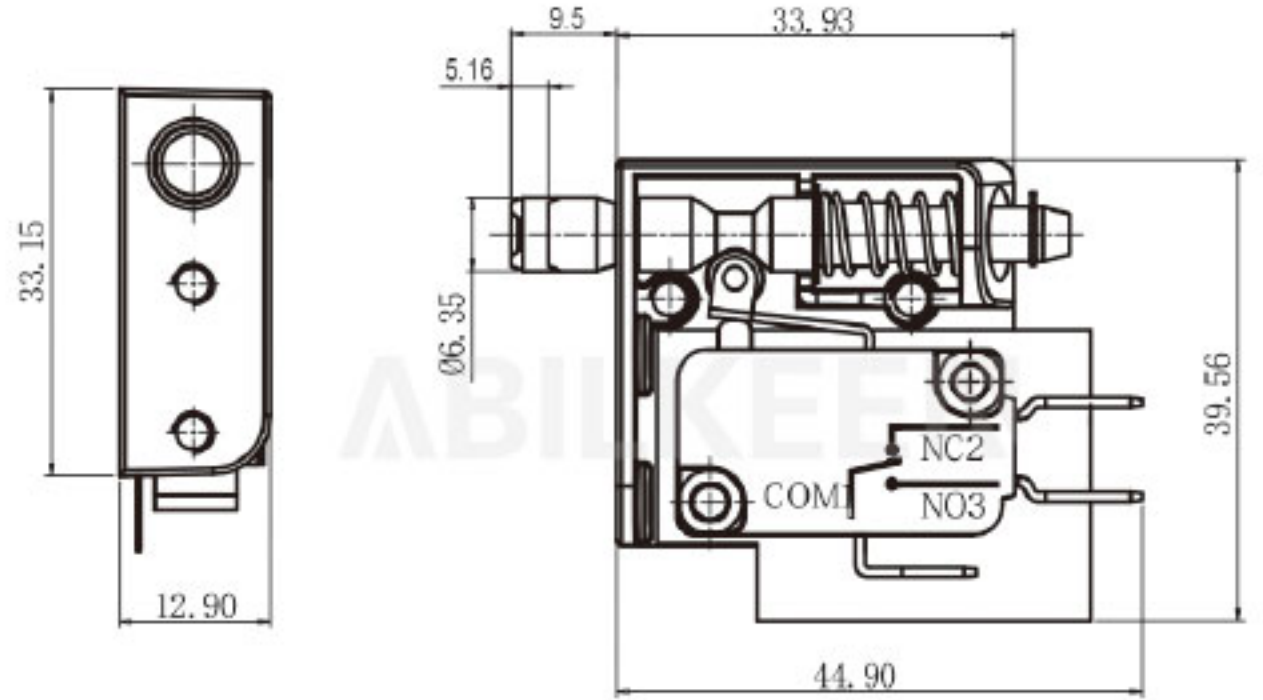
IKM3A-Z0F130E



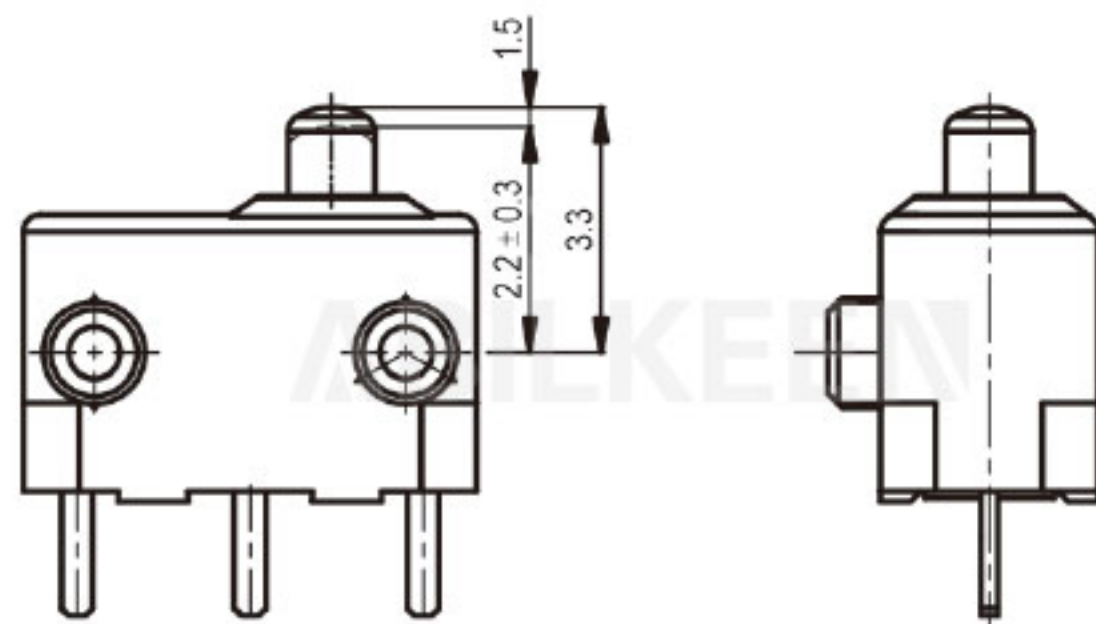
IKM3B-Z0P100AR



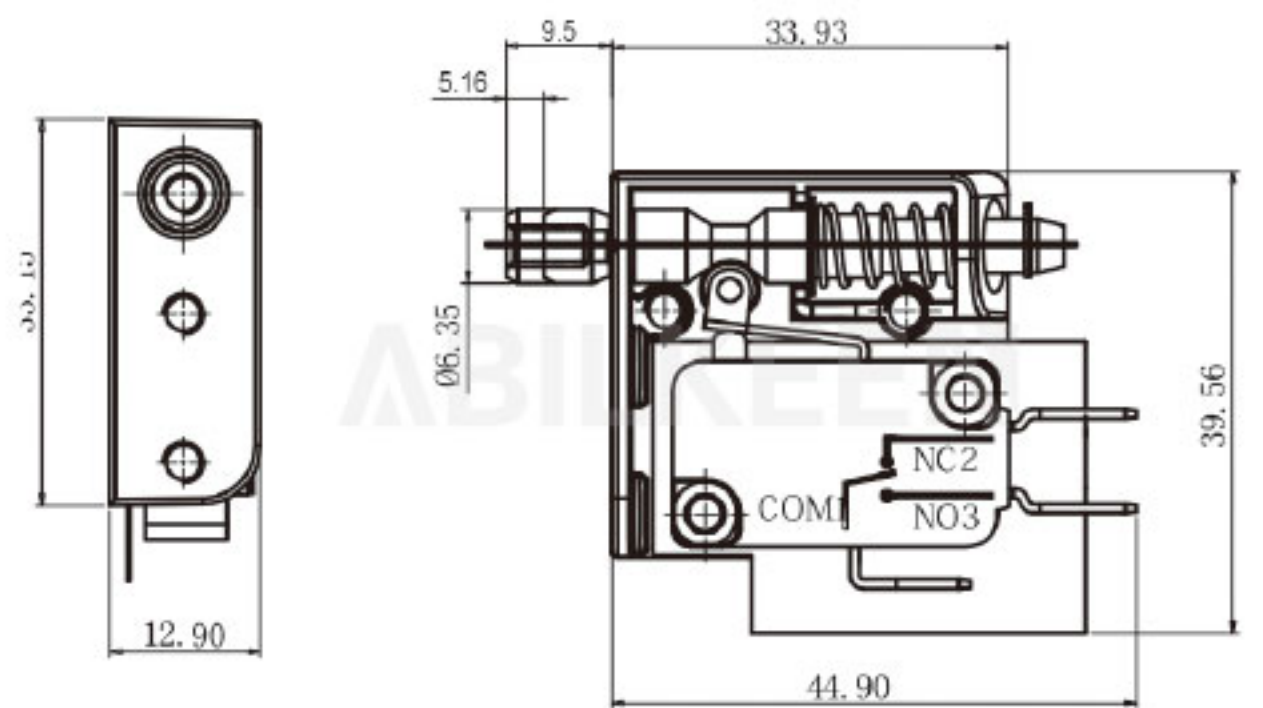
IKM3B-Z0P



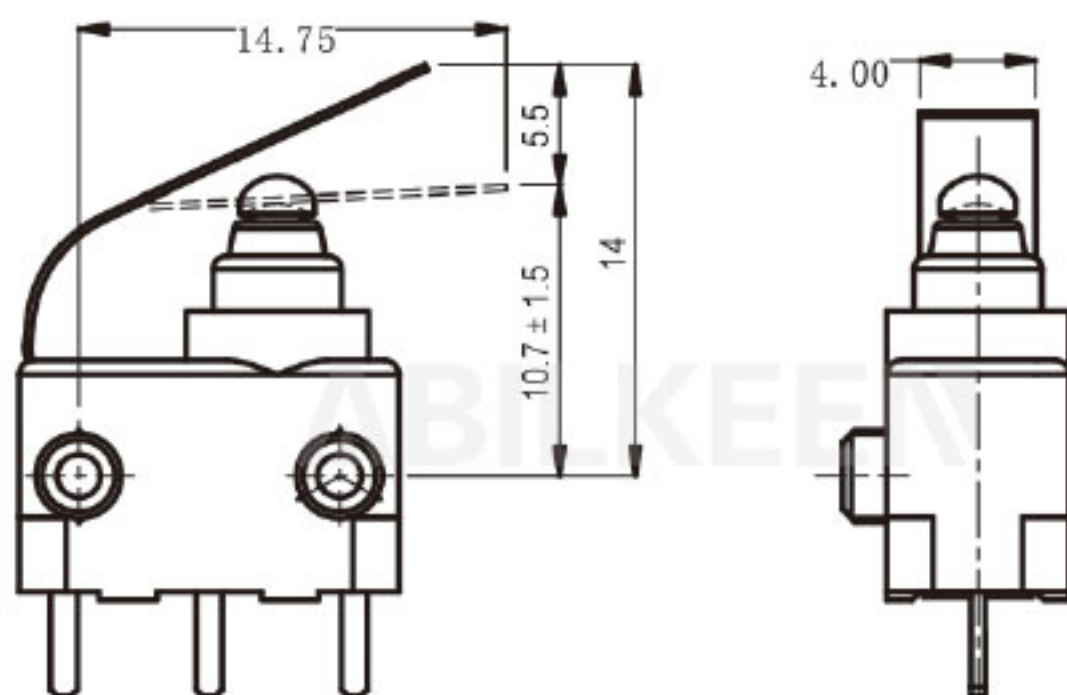
IKM3G-Z4A-PA  
A=Inner Mounting Hole P=Push Rod



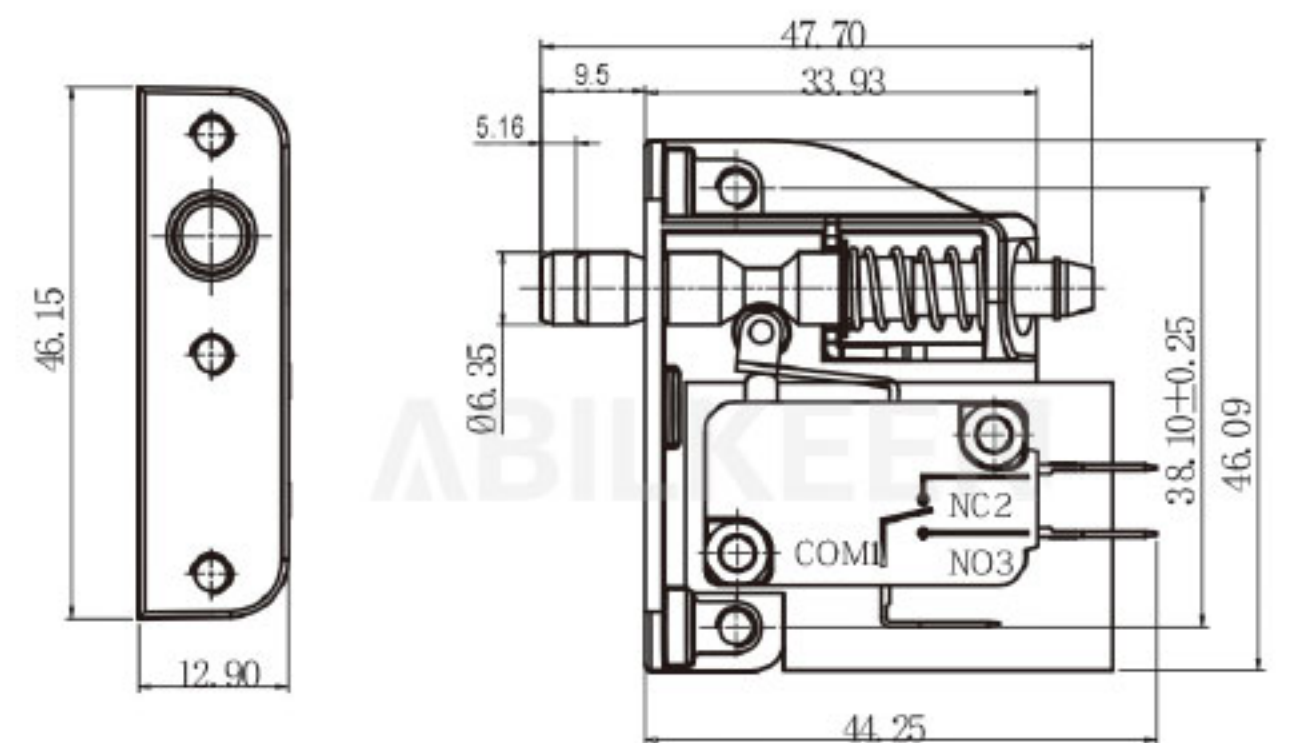
IKM3C-Z0P



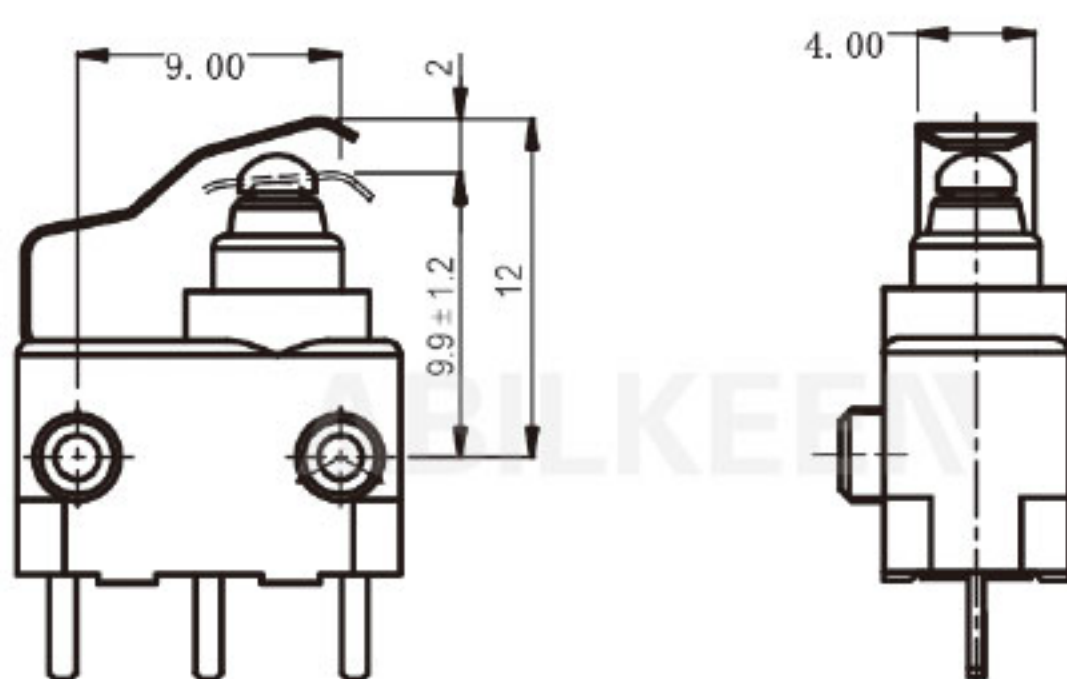
IKM3G-Z4A-SA  
A=Inner Mounting Hole S=Screw Push Rod



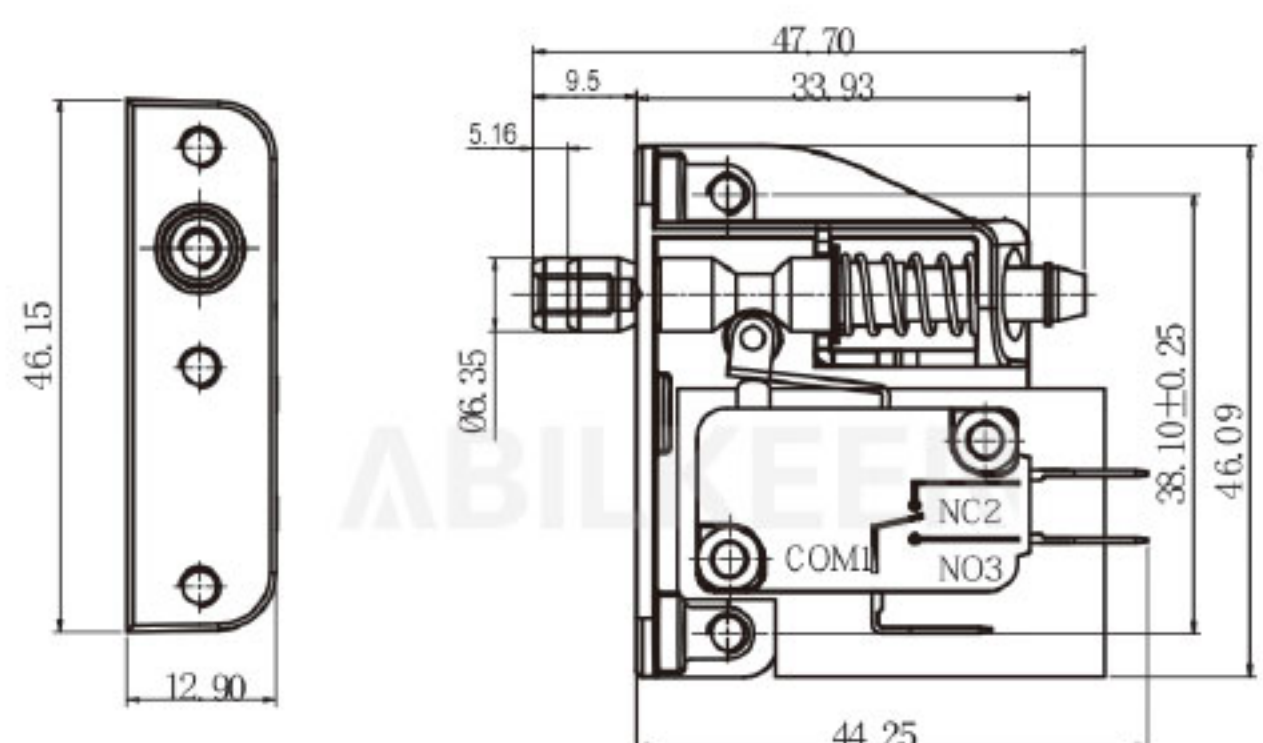
IKM3B-Z2P



IKM3G-Z4A-PB  
B=Outer Mounting Hole P=Push Rod



IKM3B-Z7P



IKM3G-Z4A-SB  
B=Outer Mounting Hole S=Screw Push Rod



### MicroSwitch Description 微动开关型号说明

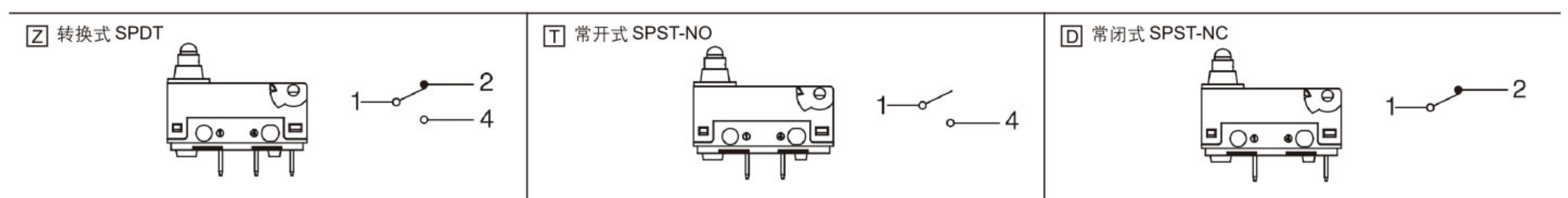
For example: IKM4T-BZ4F100

IKM4	T	-	B	Z	4	F	100
Aibeiken Code	Degrees of temperature 温度等级	Ratings 额定值	Circuit 接触方式	Actuator forms 驱动方式	Terminal options 端子种类	Operating force 动作(max)	
	无标记(NO MARK): 20T85 T: 40T85	无标记(NO MARK): 5A125VAC 5GP A125/250VAC 5(2)A125/250VAC 4A30VDC 1/4hp250VAC <b>IKM4-B</b> 3A125VAC 3GPA125/250VAC 3(1)A125/250VAC <b>IKM4-C</b> 1A125VAC 1GPA125/250VAC 1(0.3)A125/250VAC <b>IKM4-F</b> 0.1A125/250VAC 0.1GPA125/250VAC	Z: 转换式 SPDT T: 常开(接通)式 SPST-NO D: 常闭(按断)式 SPST-NC 见说明书 See illustration	0: 无动臂 No lever A1/1: 短直臂 Short straight A2/2: 中直臂 Middle straight A3/3: 长直臂 Long straight A4/4: 短滚轮臂 Short roller A5/5: 中滚轮臂 Middle roller A6/6: 长滚轮臂 Long roller A7/7: 短弧形 Short arc A8/8: 中弧形 Middle arc A9/9: 长弧形 Long arc A10/10: 小弯 Small curved A11/11: 中弯 Middle curved A12/12: 大弯 Big curved A13/13: 三角弯 Triangular A14/14: 折弯 Bent curved B: 定制 Customize 注: 1)A 表示动臂安装在靠近按钮位置, 无字母 A 表现动臂安装在离按钮较远位置。 Note: 1)A indicate the lever near to the plunger. no A indicate the lever far away from the plunger.	F: 焊接端子 Solder terminal P: PCB 端子 PCB terminal L: 左侧面 PCB 端子 Left side PCB terminal R: 右侧面 PCB 端子 Right side PCB terminal T: 110 快接端子 110 quick-connect Y: 非标准端子 Not standard terminal W: 导线型 Wire type	050: 0.5N 100: 1N 150: 1.5N 200: 2N 300: 3N 注: 若是非标准动作力, 用此动作力上限值表示。 Note: If it is not standard operating force, indicate with the upper limit.	

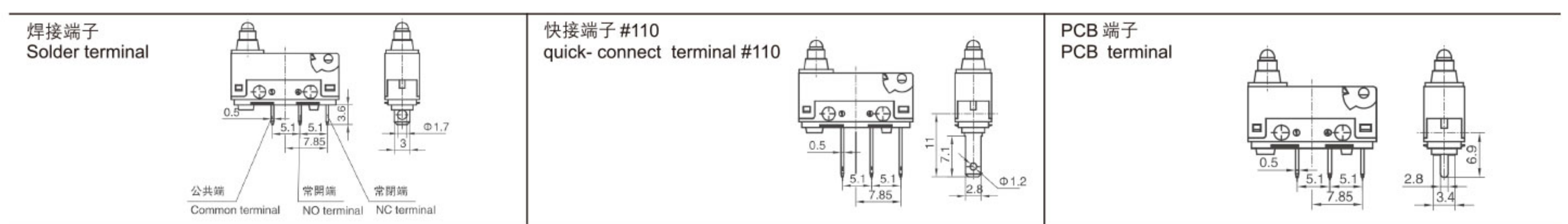
### Specifications For Micro Switch Series

Project 项目	Parameter 参数	Project 项目	Parameter 参数
工作速度 Operating Speed	0.1mm~1m/s	耐电压 Withstand Voltage	1000VAC, 1 min/1500VAC, 1 min
接触电阻 Contact Resistance	≤ 50/100mΩ(Wired)	环境温度 Environment Temperature	-40℃ ~+85℃
绝缘电阻 Insulation Resistance	≥ 100MΩ 500VDC	寿命 Life (E/M)	≥ 500,000/1000,000 Cycles
工作频率 Operating Frequency	≤ 25(E)~60(M)/min	抗振动 Vibration Resistance	10~55Hz, 1.5mm

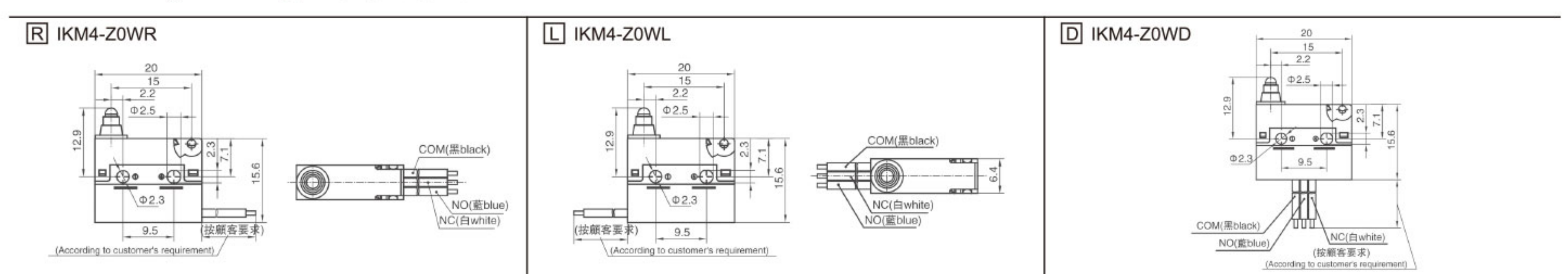
### Circuit illustration 接触形式说明图



### Terminal dimensions 接线端尺寸

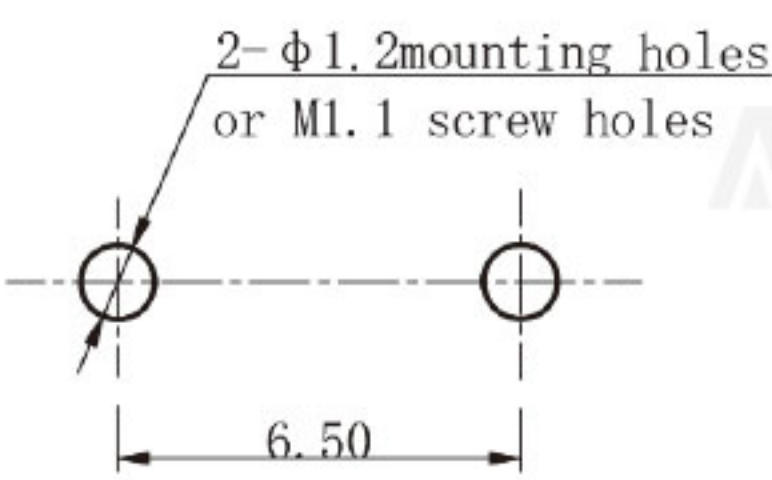
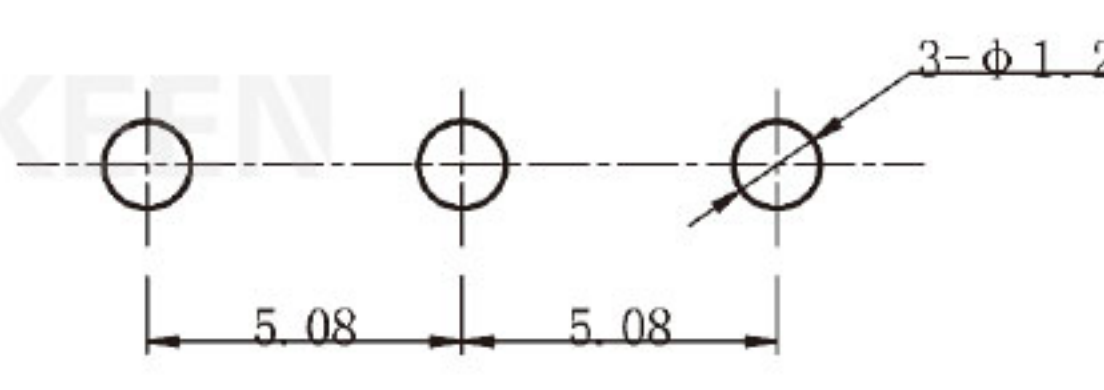
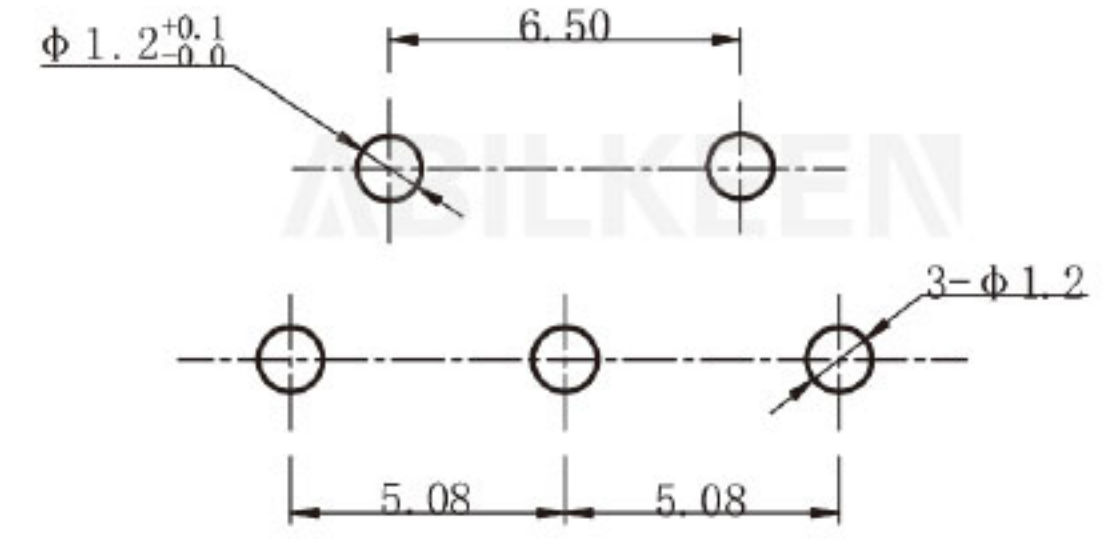


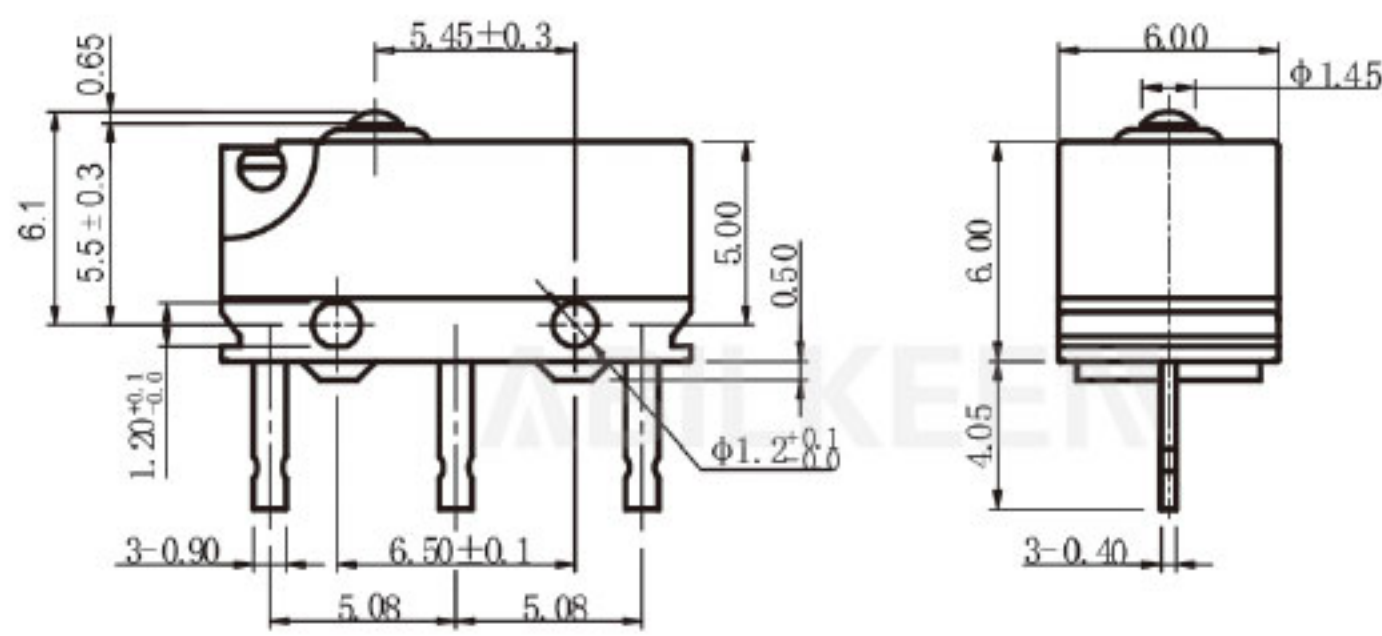
### Outline drawing of wire type 导线型外形图



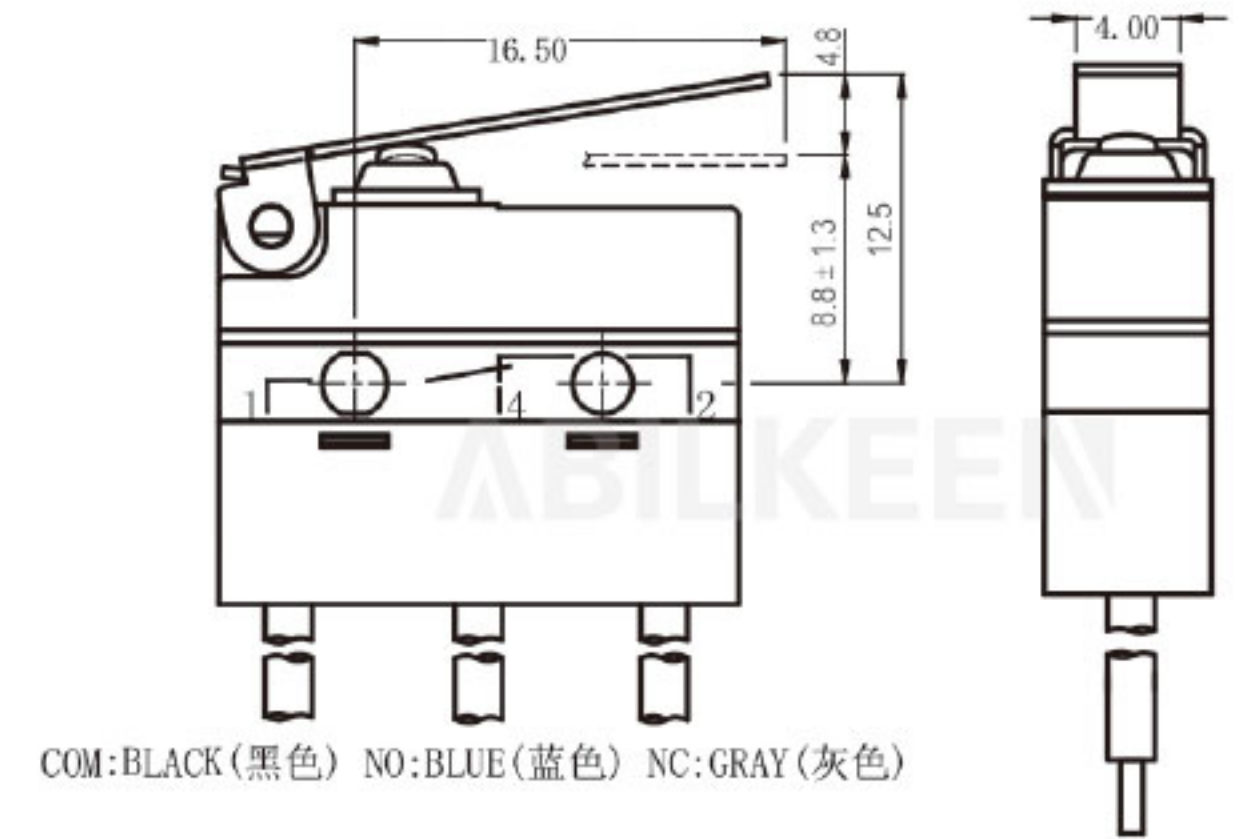


### Mounting hole dimensions 安装孔尺寸

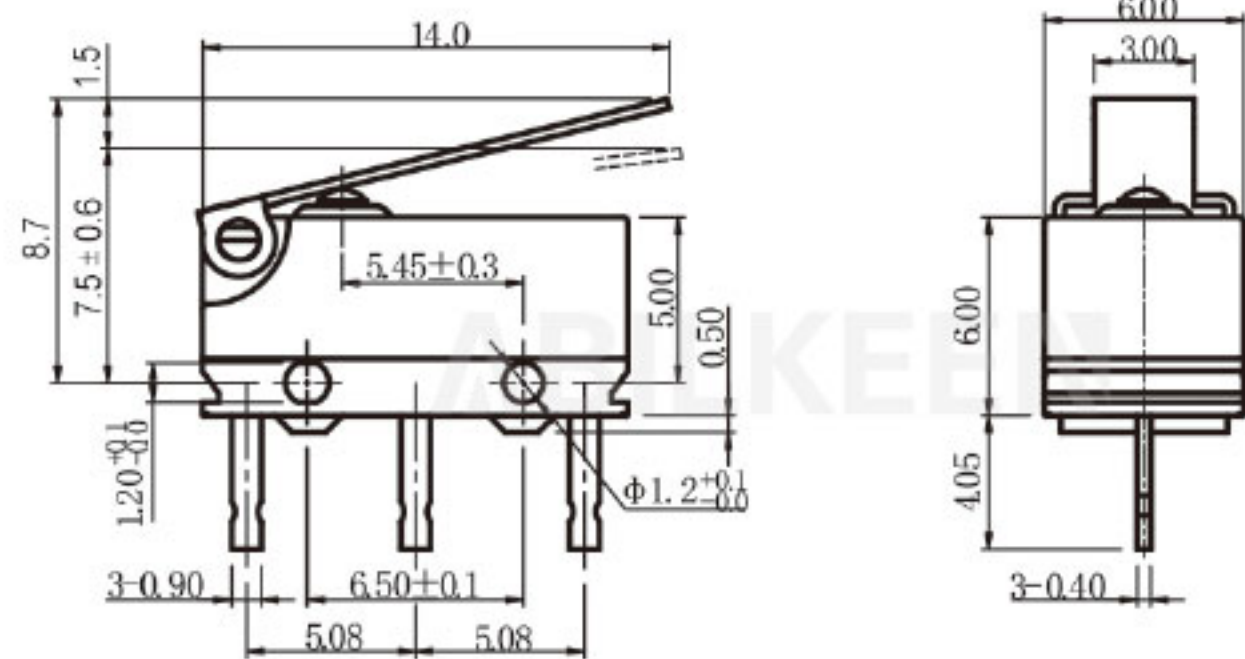
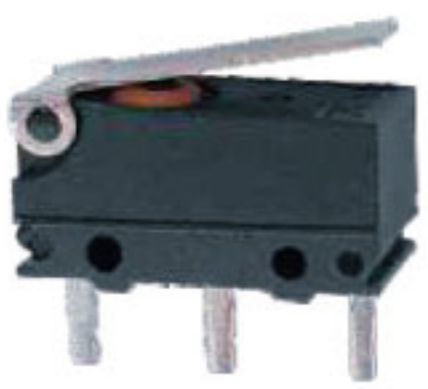
安装孔 Mounting hole	PCB 端子 PCB termina	左右 PCB 端子 Left and right PCB termina
 <p>2-<math>\phi 1.2</math> mounting holes or M1.1 screw holes 6.50</p>	 <p>3-<math>\phi 1.2</math> 5.08 5.08</p>	 <p><math>\phi 1.2^{+0.1}_{-0.0}</math> 6.50 5.08 5.08 3-<math>\phi 1.2</math></p>



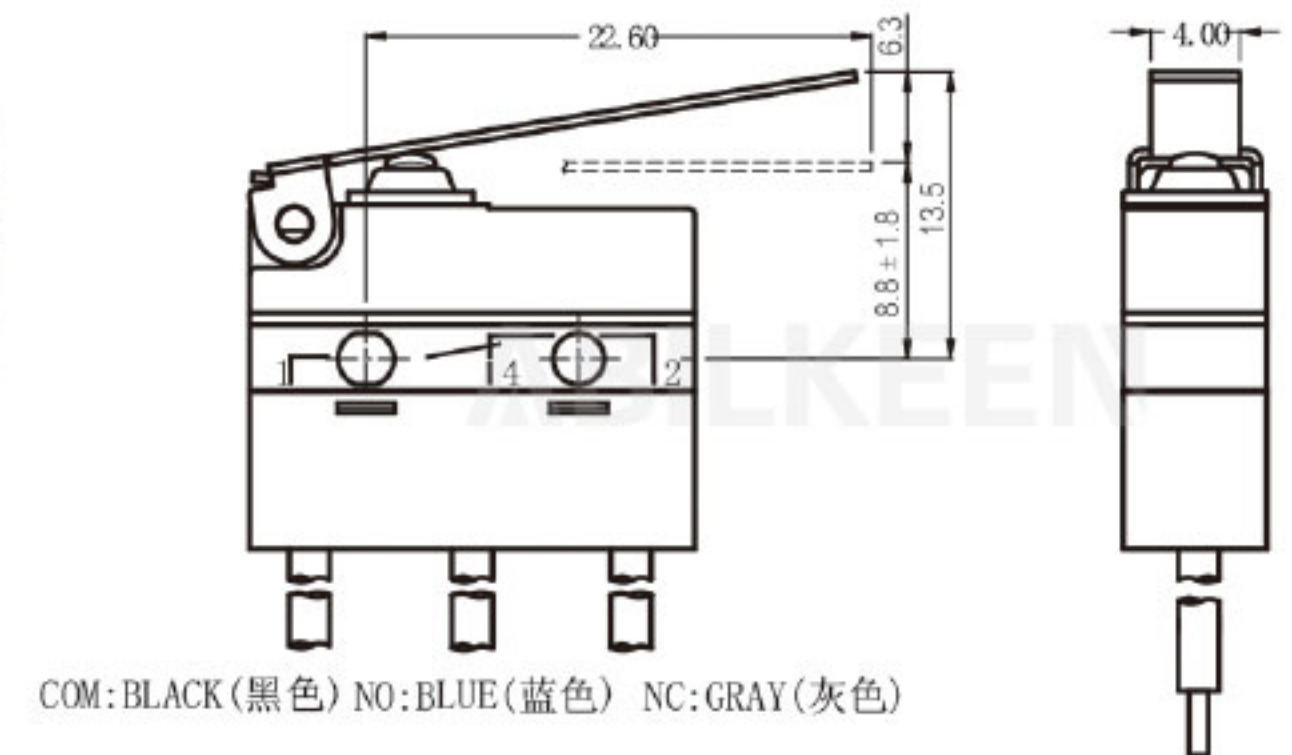
IKM4-Z0P



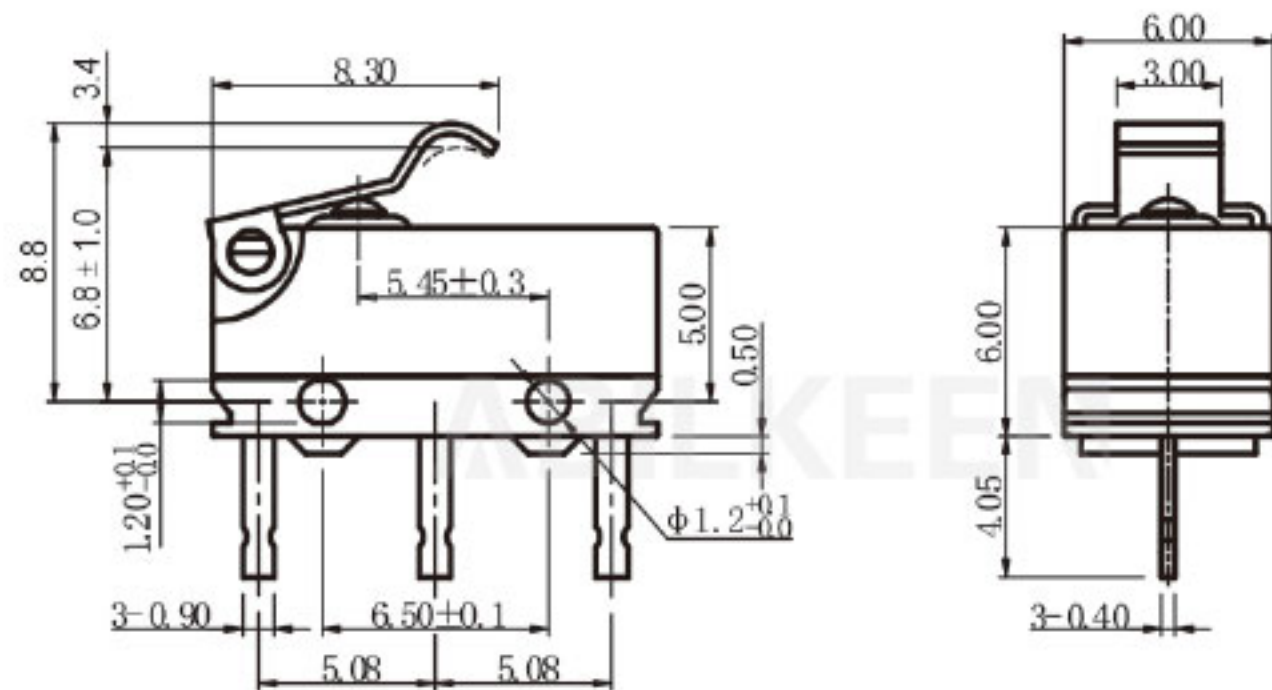
IKM5-Z2WD



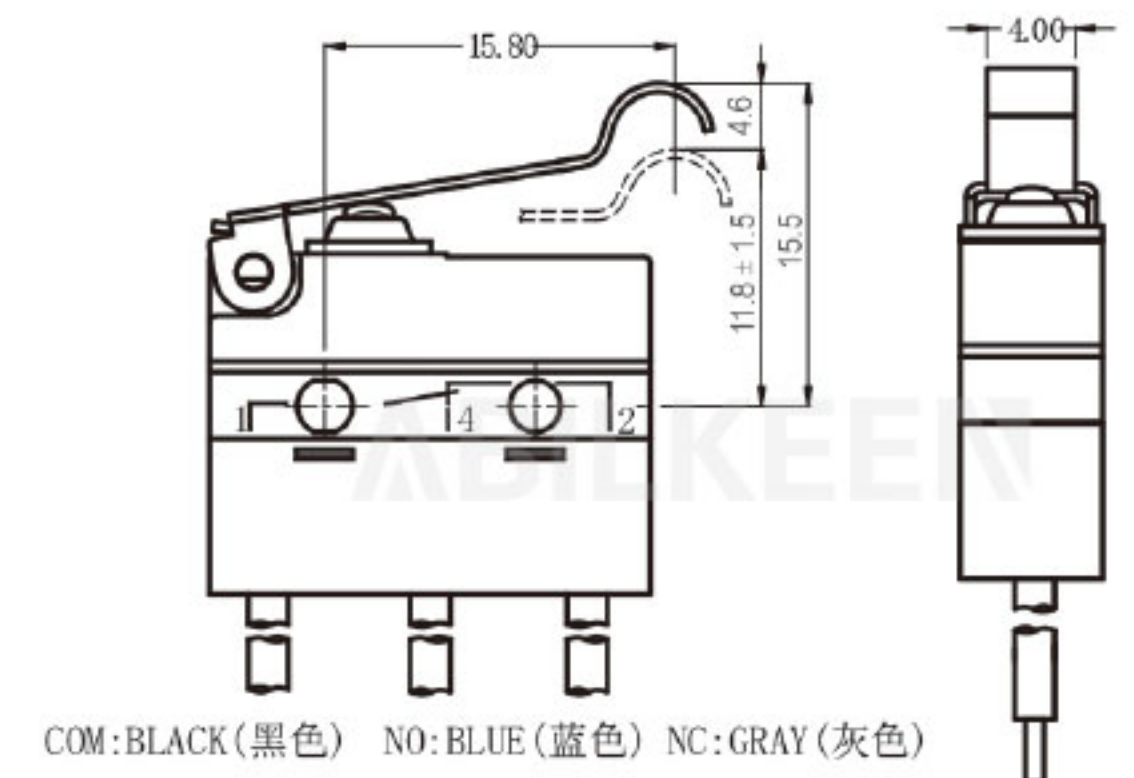
IKM4-Z2P



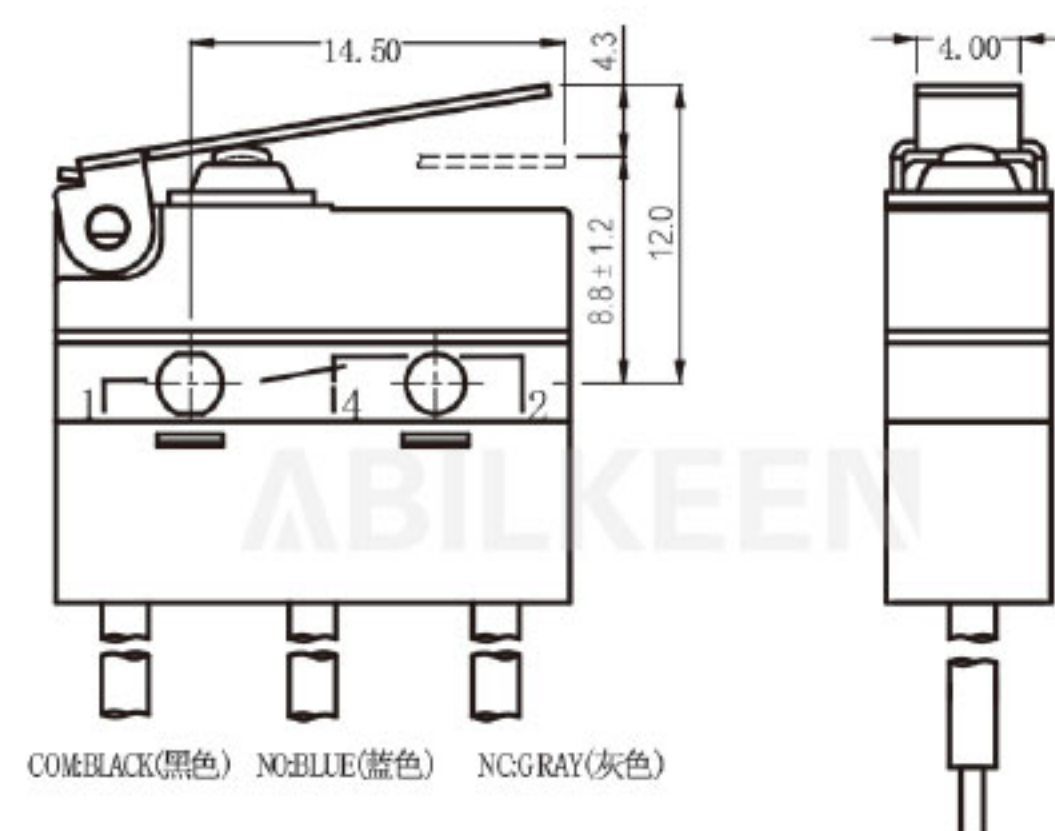
IKM5-Z3WD



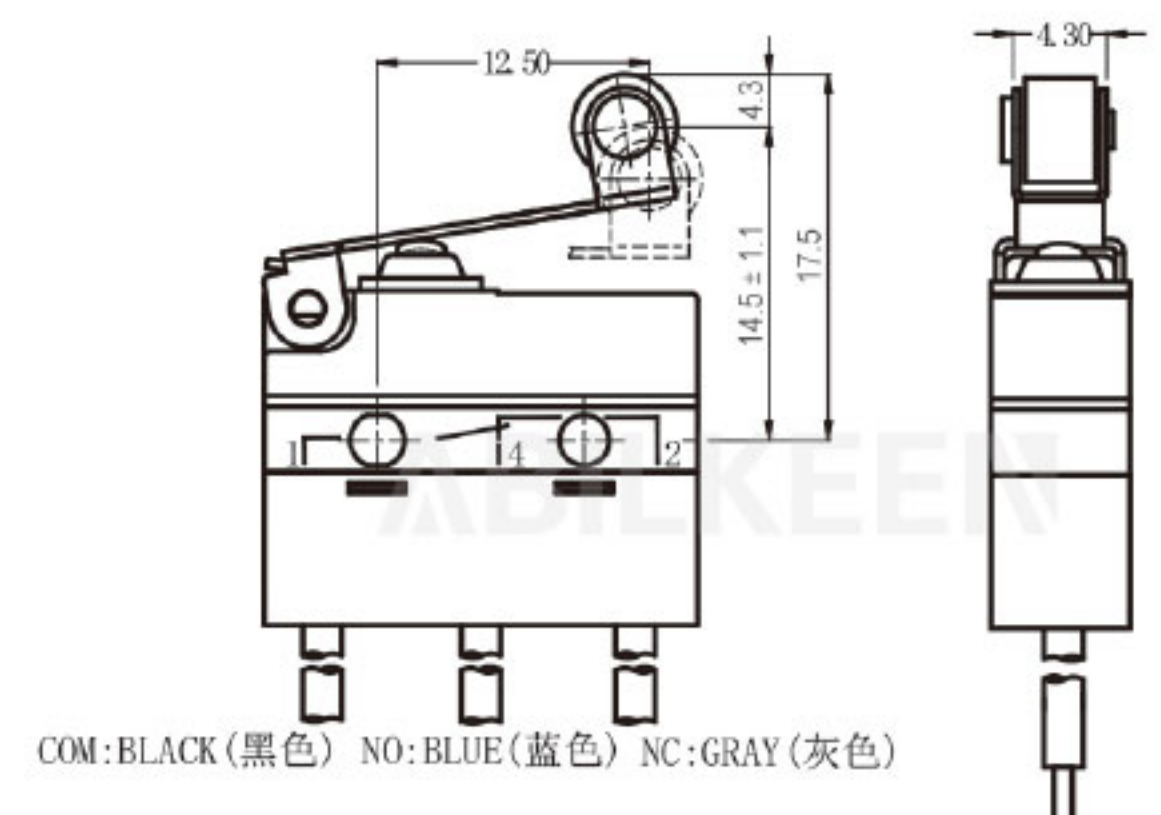
IKM4-Z7P



IKM5-Z8WD



IKM5-Z1WD



IKM5-Z4WD



### MicroSwitch Description 微动开关型号说明

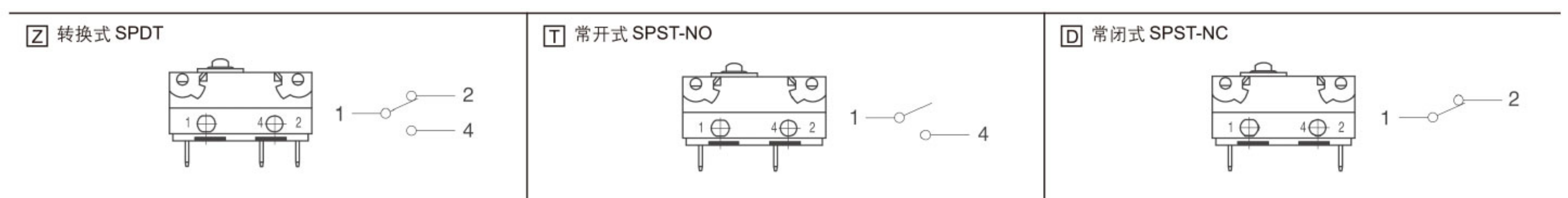
For example: IKM5T-BZ4F100D

IKM5	T	-	B	Z	4	F	100	D
Aibeiken Code	Degrees of temperature 温度等级		Ratings 额定值	Circuit 接触方式	Actuator forms 驱动方式	Terminal options 端子种类	Operating force 动作 (max)	Wire direction and length 导线方向及长度
	无标记 (NO MARK): 20T85 T: 25T125		无标记 (NO MARK): 5A125VAC 5GPA125/250VAC 5(2)A125/250VAC 4A30VDC 1/4hp250VAC <b>IKM5-B</b> 3A125VAC 3GPA125/250VAC 3(1)A125/250VAC <b>IKM5-C</b> 1A125VAC 1GPA125/250VAC 1(0.3)A125/250VAC <b>IKM5-F</b> 0.1A125/250VAC 0.1GPA125/250VAC	Z: 转换式 SPDT T: 常开 (接通) 式 SPST-NO D: 常闭 (按断) 式 SPST-NC 见说明书 See illustration	0: 无动臂 No lever A1/1: 短直臂 Short straight A2/2: 中直臂 Middle straight A3/3: 长直臂 Long straight A4/4: 短滚轮臂 Short roller A5/5: 中滚轮臂 Middle roller A6/6: 长滚轮臂 Long roller A7/7: 短弧形 Short arc A8/8: 中弧形 Middle arc A9/9: 长弧形 Long arc A10/10: 小弯 Small curved A11/11: 中弯 Middle curved A12/12: 大弯 Big curved A13/13: 三角弯 Triangular A14/14: 折弯 Bent curved B: 定制 Customize 注: 1)A 表示动臂安装在靠近按钮位置, 无字母 A 表现动臂安装在离按钮较远位置。 Note: 1)A indicate the lever near to the plunger. no A indicate the lever far away from the plunger.	F: 焊接端子 Solder terminal P: PCB 端子 PCB terminal L: 左侧面 PCB 端子 Left side PCB terminal R: 右侧面 PCB 端子 Right side PCB terminal T: 110 快接端子 110 quick- connect Y: 非标准端子 Not standard terminal W: 导线型 Wire type	050: 0.5N 100: 1N 150: 1.5N 200: 2N 注: 若是非标准动作力, 用此动作力上限值表示。 Note: If it is not standard operating force, indicate with the upper limit.	D □: 导线在开关下方引出 Wire be educed at the lower part of switch L □: 导线在按钮近端引出 Wire be educed at the close of plunger R □: 导线在按钮远端引出 Wire be educed at the distance of plunger (□为导线长度毫米数) (□ Shows the wire lenth mm)

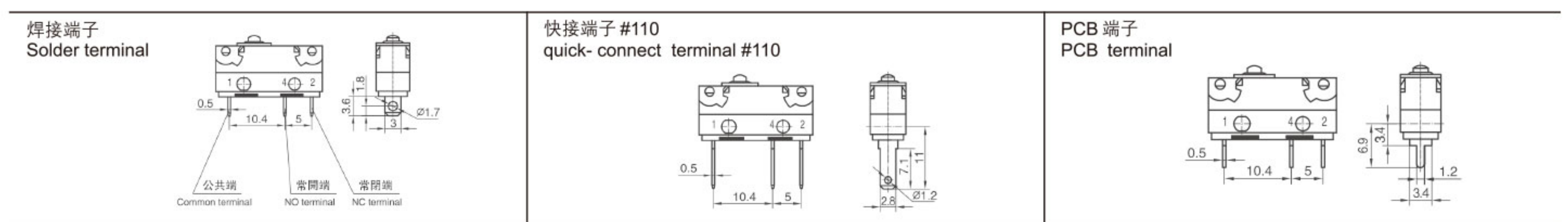
### Specifications For Micro Switch Series

Project 项目	Parameter 参数	Project 项目	Parameter 参数
工作速度 Operating Speed	0.1mm~1m/s	耐电压 Withstand Voltage	1000VAC, 1 min/1500VAC, 1 min
接触电阻 Contact Resistance	≤ 50/100mΩ (Wired)	环境温度 Environment Temperature	-40℃ ~ +85℃
绝缘电阻 Insulation Resistance	≥ 100MΩ 500VDC	寿命 Life (E/M)	≥ 500,000/1000,000 Cycles
工作频率 Operating Frequency	≤ 25 (E) ~ 60 (M) /min	抗振动 Vibration Resistance	10~55Hz 1.5mm

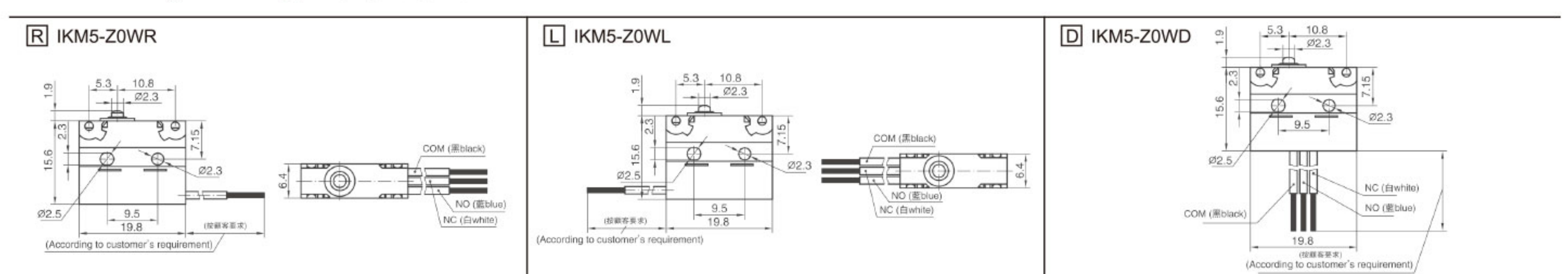
### Circuit illustration 接触形式说明图



### Terminal dimensions 接线端尺寸

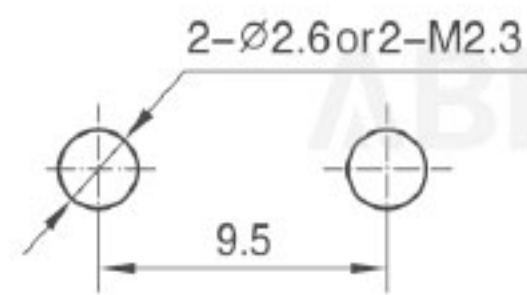


### Outline drawing of wire type 导线型外形图

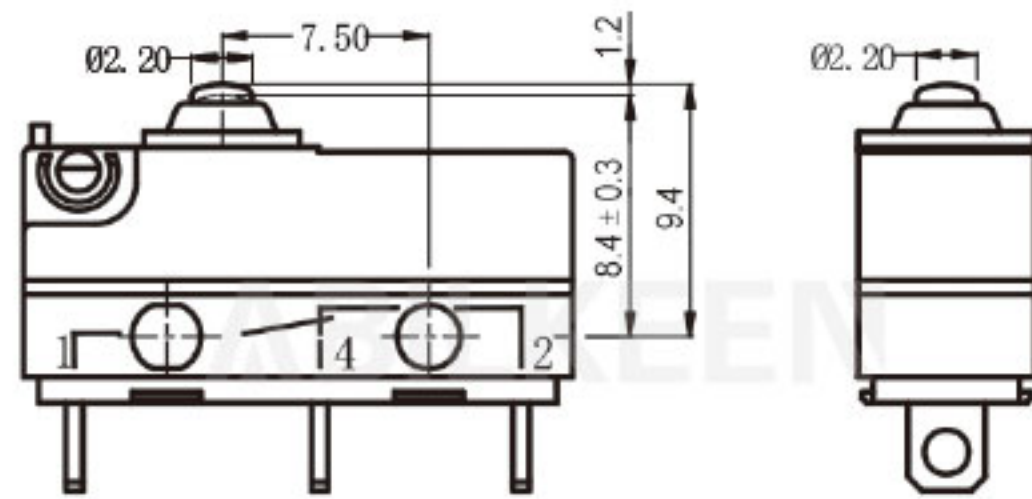
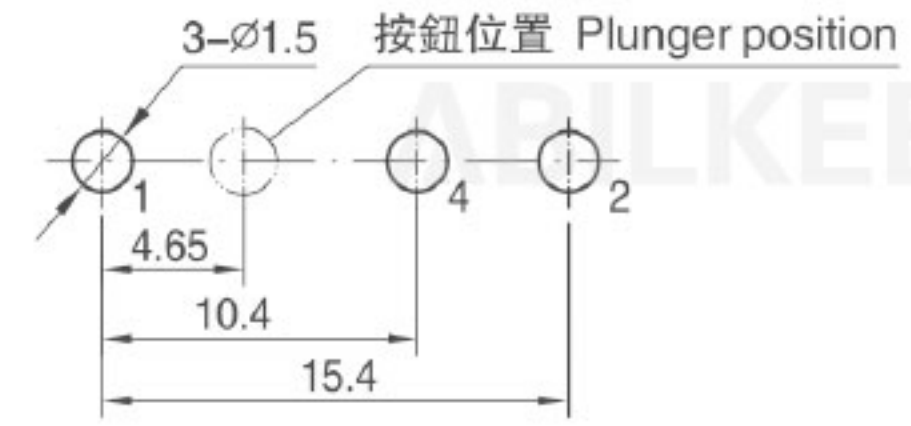




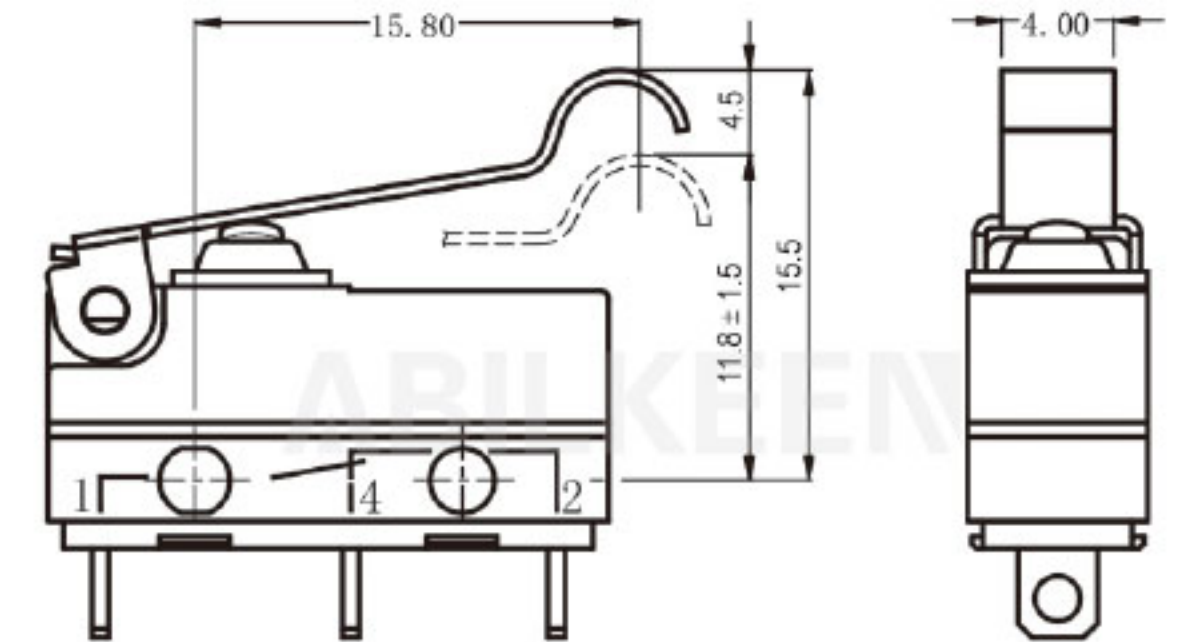
### Mounting hole dimensions 安装孔尺寸



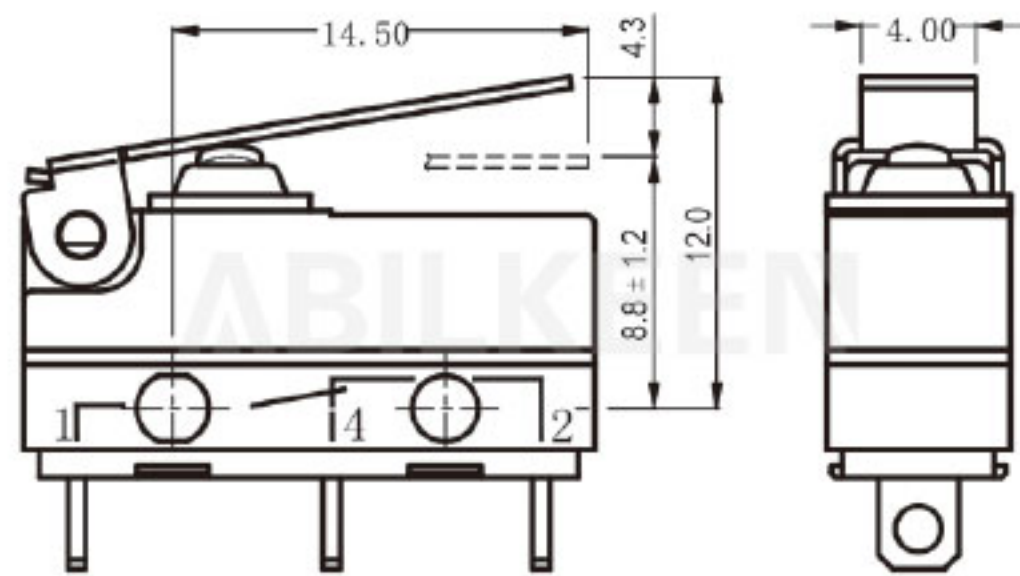
PCB 端子 PCB termina



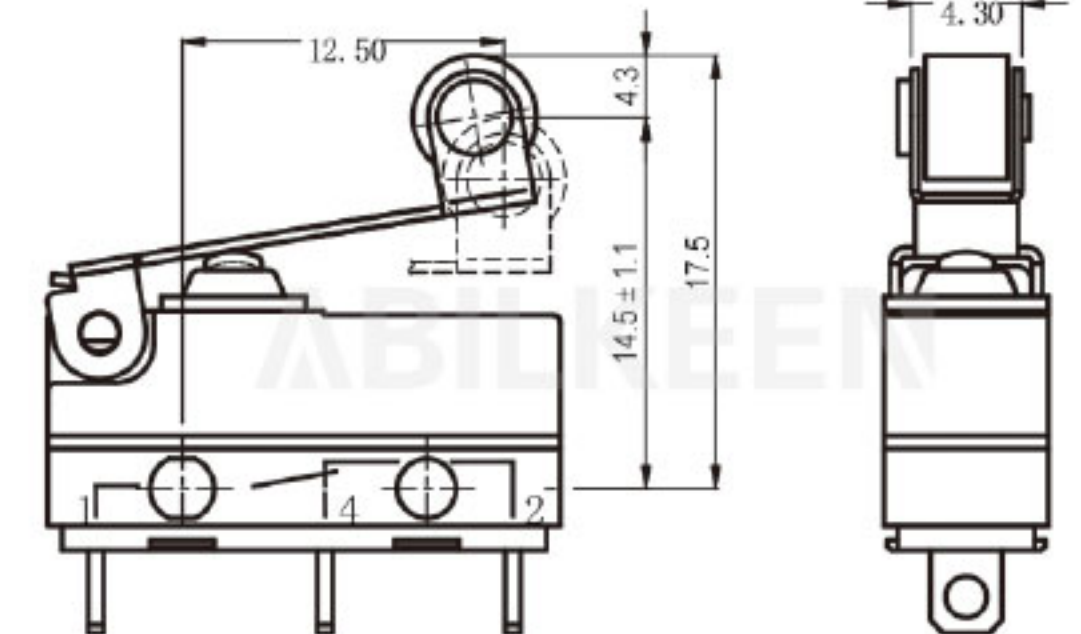
IKM5-Z0F



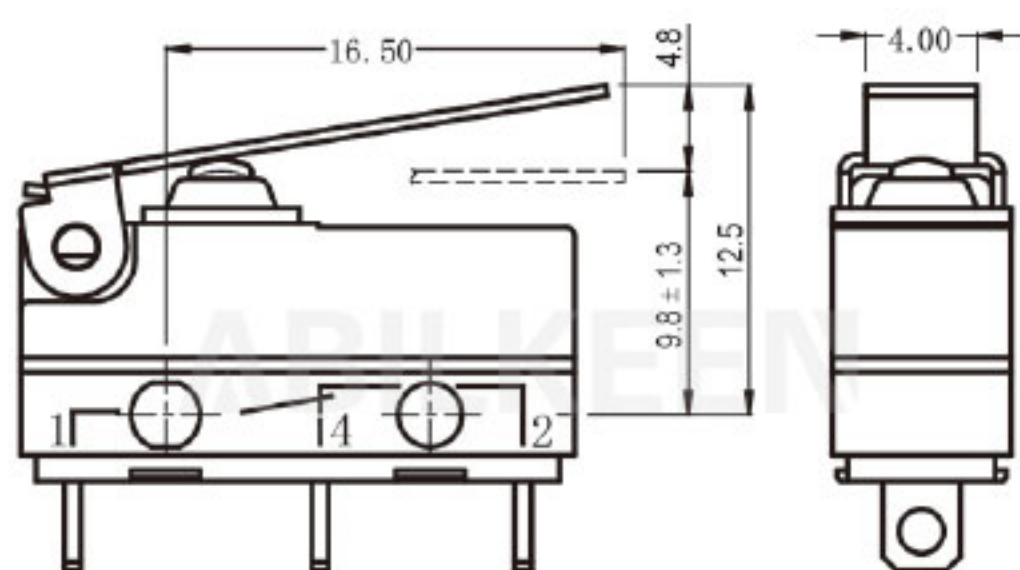
IKM5-Z8F



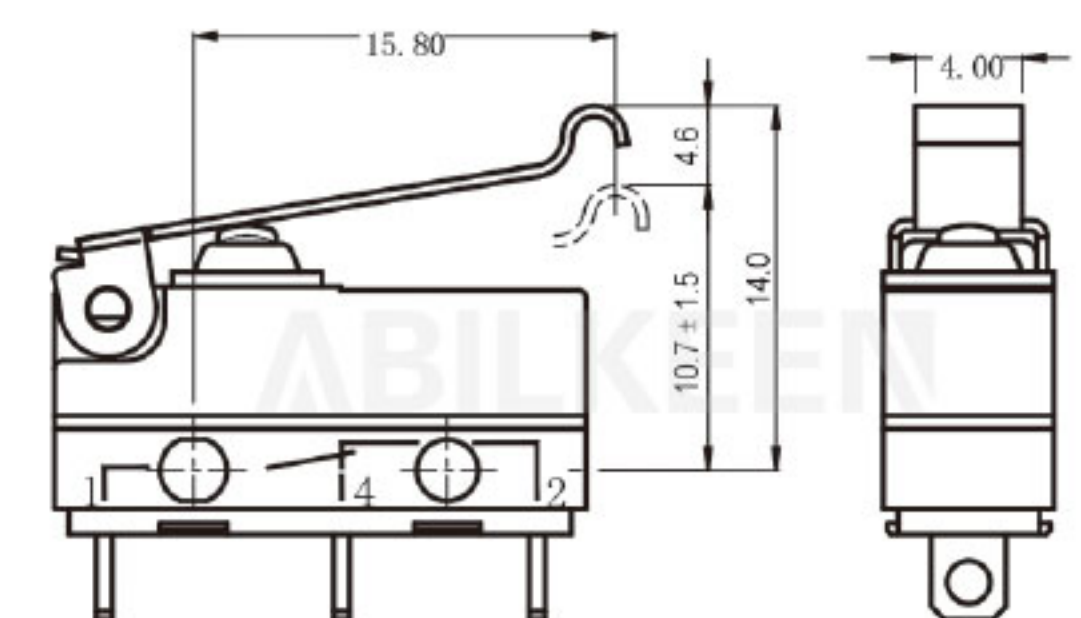
IKM5-Z1F



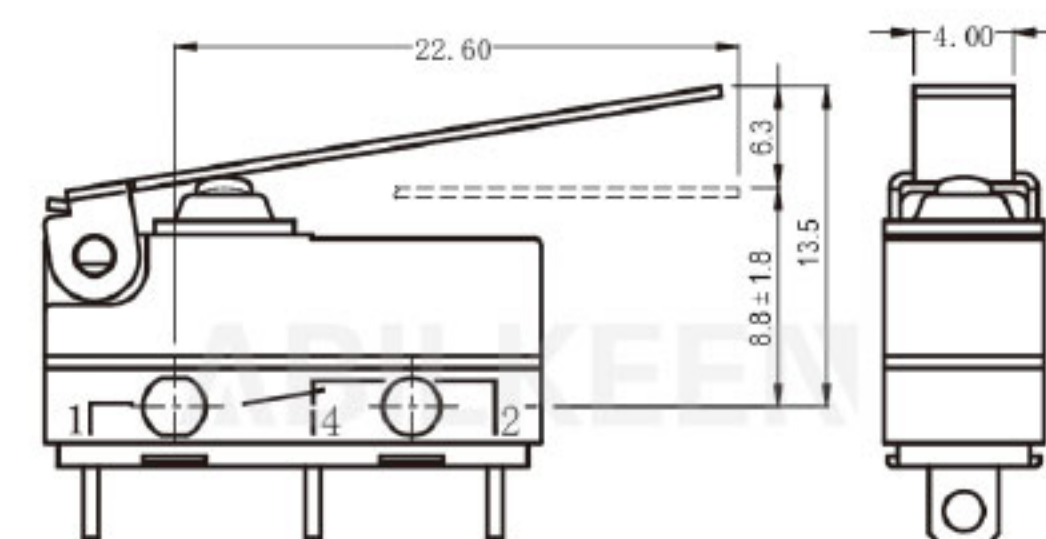
IKM5-Z4F



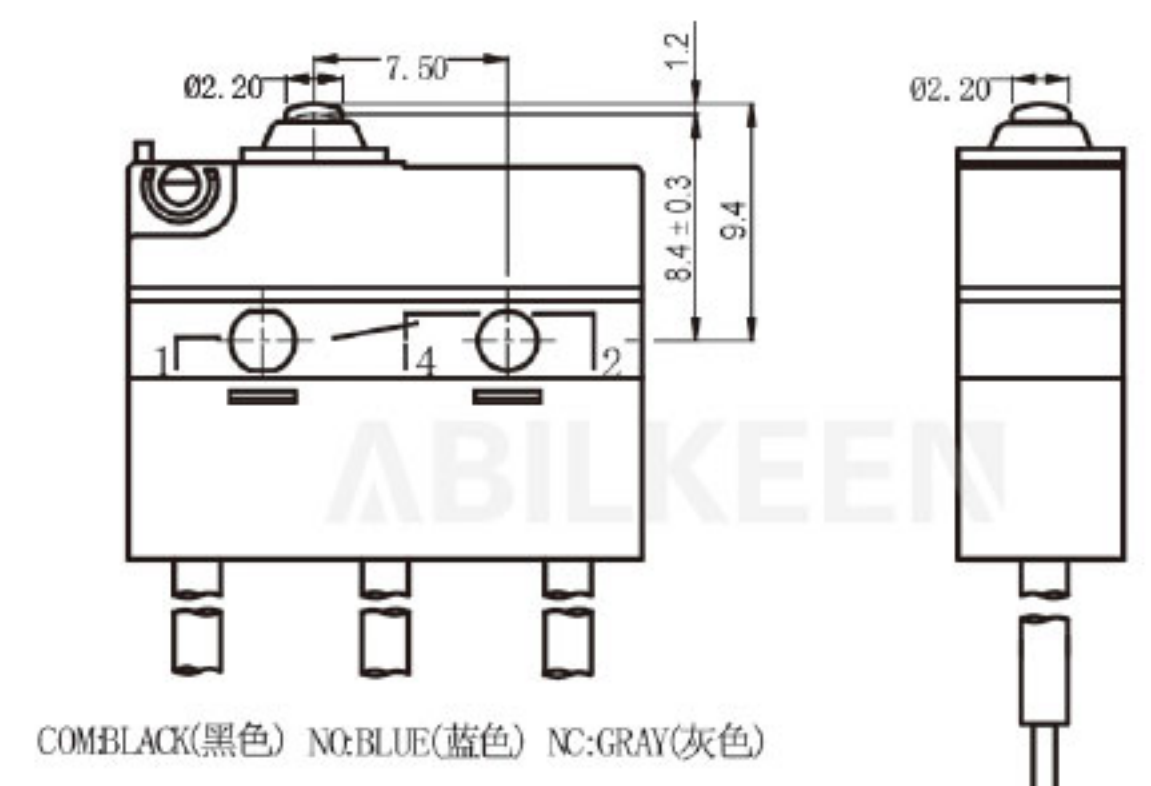
IKM5-Z2F



IKM5-Z7F



IKM5-Z3F



IKM5-Z0WD



### MicroSwitch Description 微动开关型号说明

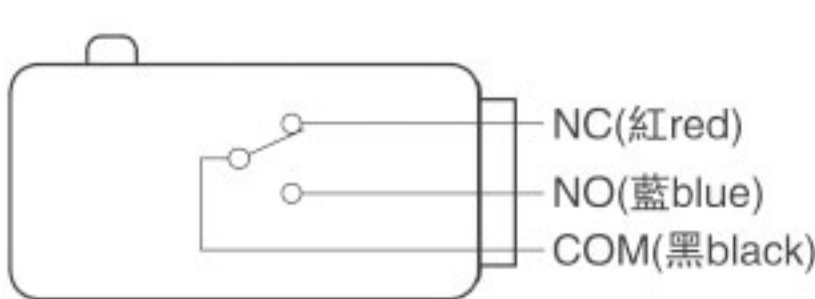
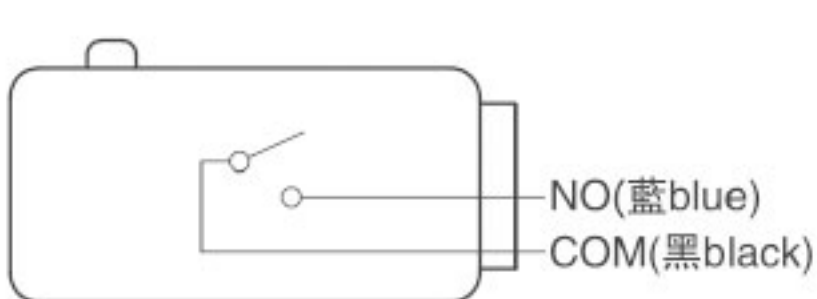
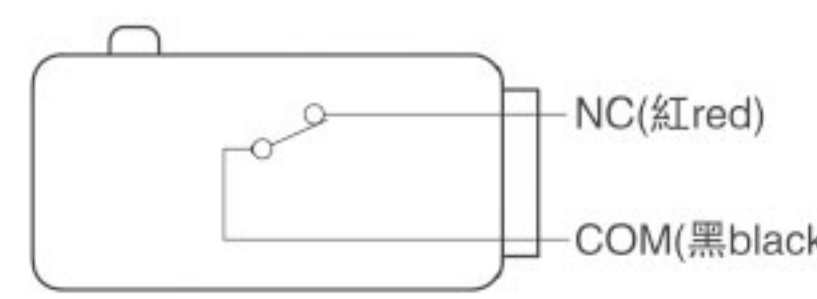
For example: IKM6T-5Z4F100

IKM6	T	-	5	Z	4	F	100
Aibeiken Code	Degrees of temperature 温度等级		Ratings 额定值	Circuit 接触方式	Actuator forms 驱动方式	Terminal options 端子种类	Operating force 动作(max)
	无标记(NO MARK): T85 T: 25T125		无标记(NO MARK): <b>IBM6-10</b> 10.1GPA125/250VAC 10.1RA125/250VAC 10(3)A125/250VAC, 6A30VDC 1/3hp125/250VAC <b>IBM6-5</b> 5A125VAC 5GPA125/250VAC 5RA125/250VAC 5(2)A125//250VAC 5A30VDC 1/4hp125/250VAC <b>IBM6-1</b> 0.1GPA125/250VAC 0.1RA125/250VAC 0.1A30VDC	Z: 转换式 SPDT T: 常开(接通)式 SPST-NO D: 常闭(按断)式 SPST-NC 见说明书 See illustration	0: 无动臂 No lever A1/1: 短直臂 Short straight A2/2: 中直臂 Middle straight A3/3: 长直臂 Long straight A4/4: 短滚轮臂 Short roller A5/5: 中滚轮臂 Middle roller A6/6: 长滚轮臂 Long roller A7/7: 短弧形 Short arc A8/8: 中弧形 Middle arc A9/9: 长弧形 Long arc A10/10: 小弯 Small curved A11/11: 中弯 Middle curved A12/12: 大弯 Big curved A13/13: 三角弯 Triangular A14/14: 折弯 Bent curved B: 定制 Customize 注: 1)A 表示动臂安装在靠近按钮位置, 无字母 A 表示动臂安装在离按钮较远位置。 Note: 1)A indicate the lever near to the plunger. no A indicate the lever far away from the plunger.	F: 端子型 Terminal type Y: 非标准端子 Not standard terminal W: 导线型 Wire type	050: 0.5N 100: 1N 150: 1.5N 200: 2N 300: 3N 注: 若是非标准动作力, 用此动作力上限值表示。 Note: If it is not standard operating force, indicate with the upper limit.

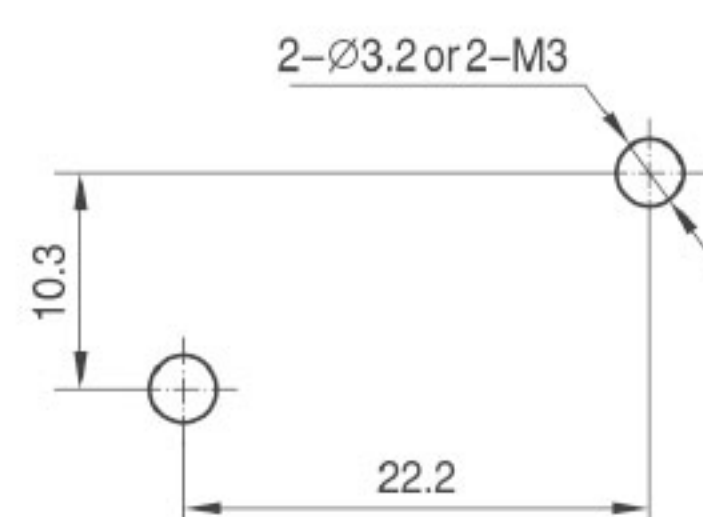
### Specifications For Micro Switch Series

Project 项目	Parameter 参数	Project 项目	Parameter 参数
工作速度 Operating Speed	0.1mm~1m/s	耐电压 Withstand Voltage	1000VAC, 1 min/1500VAC, 1 min
接触电阻 Contact Resistance	≤ 30mΩ	环境温度 Environment Temperature	-40℃ ~+85℃
绝缘电阻 Insulation Resistance	≥ 100MΩ 500VDC	寿命 Life (E/M)	≥ 500,000/1000,000 Cycles
工作频率 Operating Frequency	≤ 25(E)~60(M)/min	抗振动 Vibration Resistance	10~55Hz 1.5mm

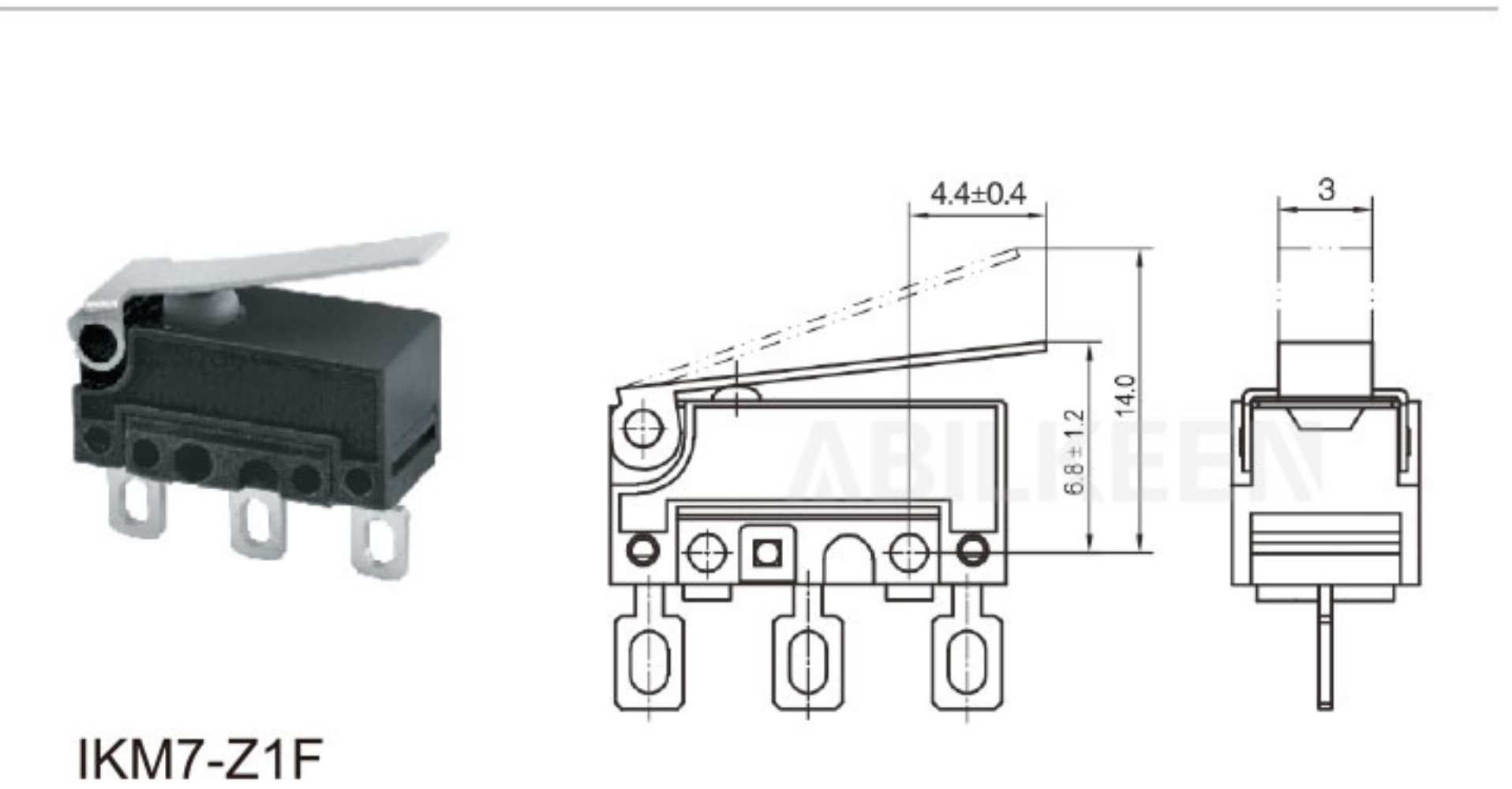
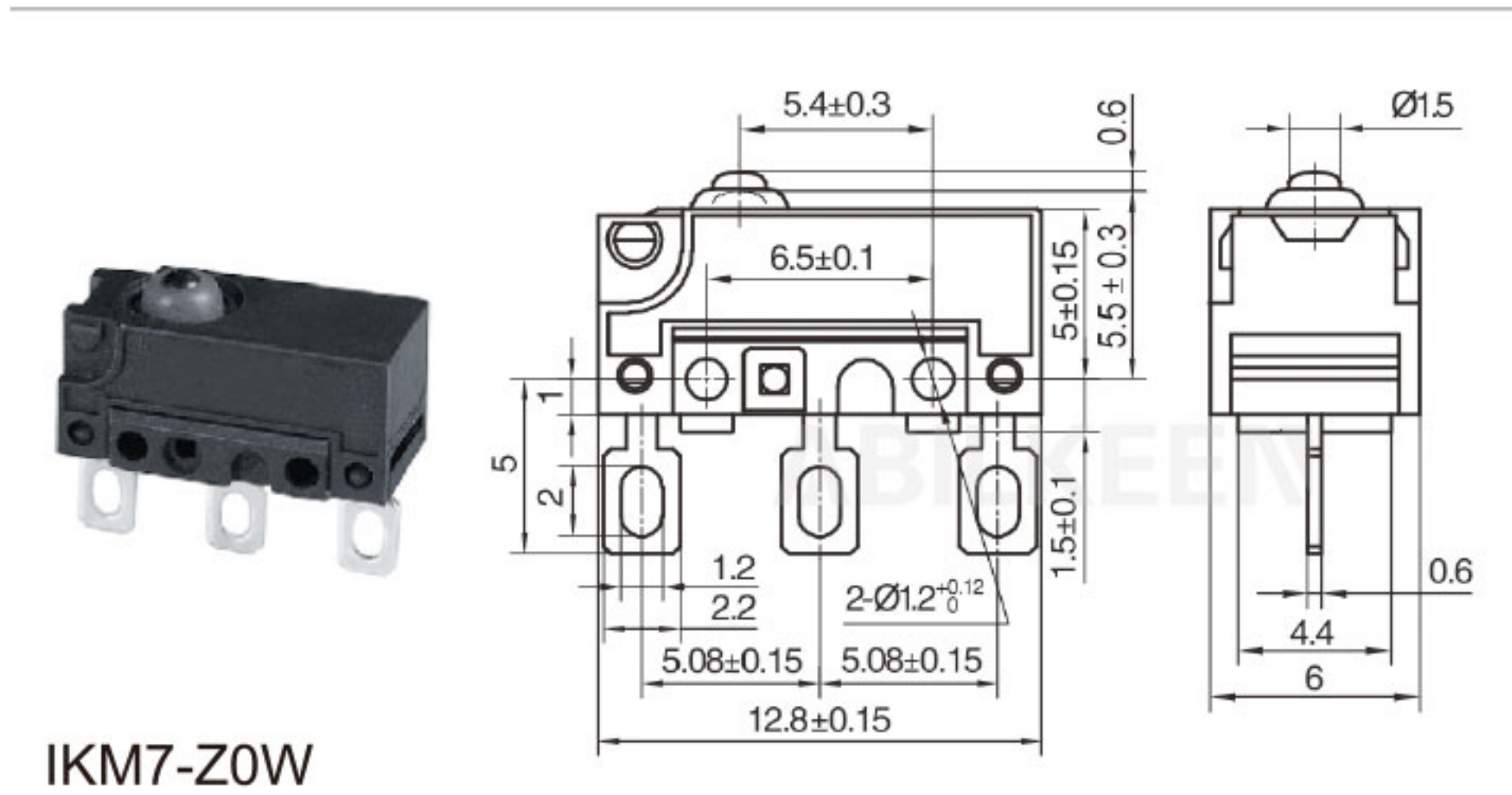
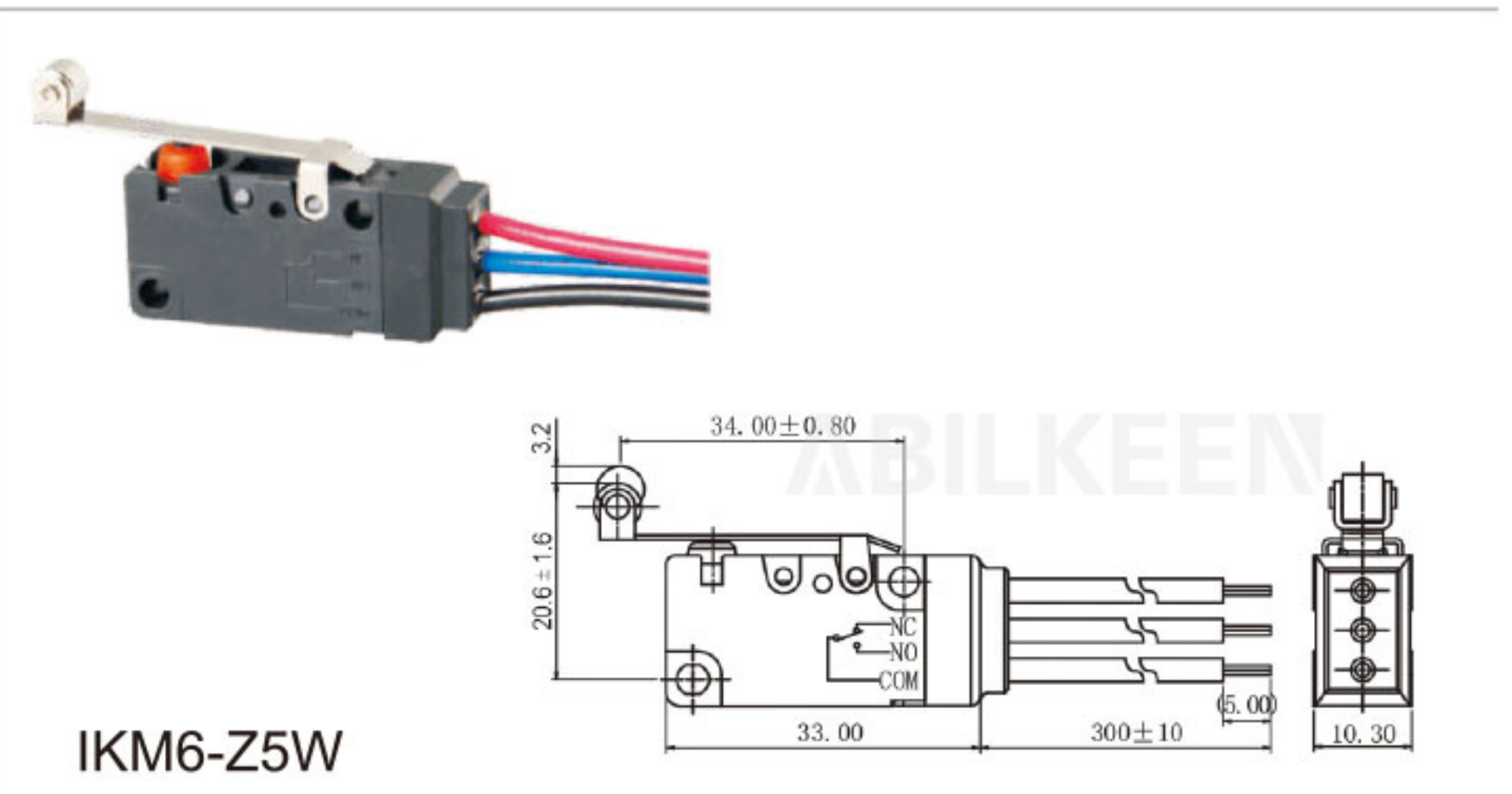
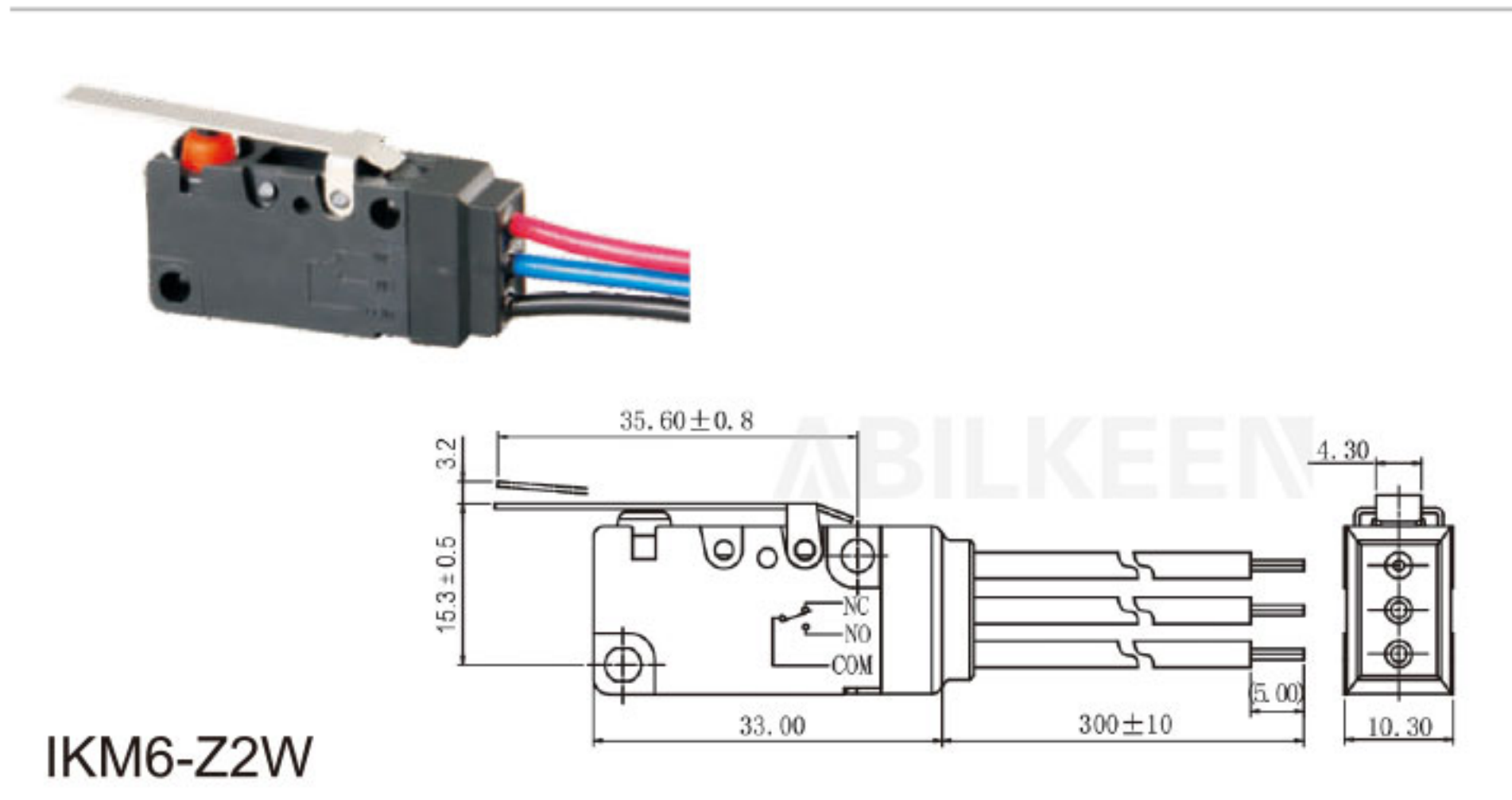
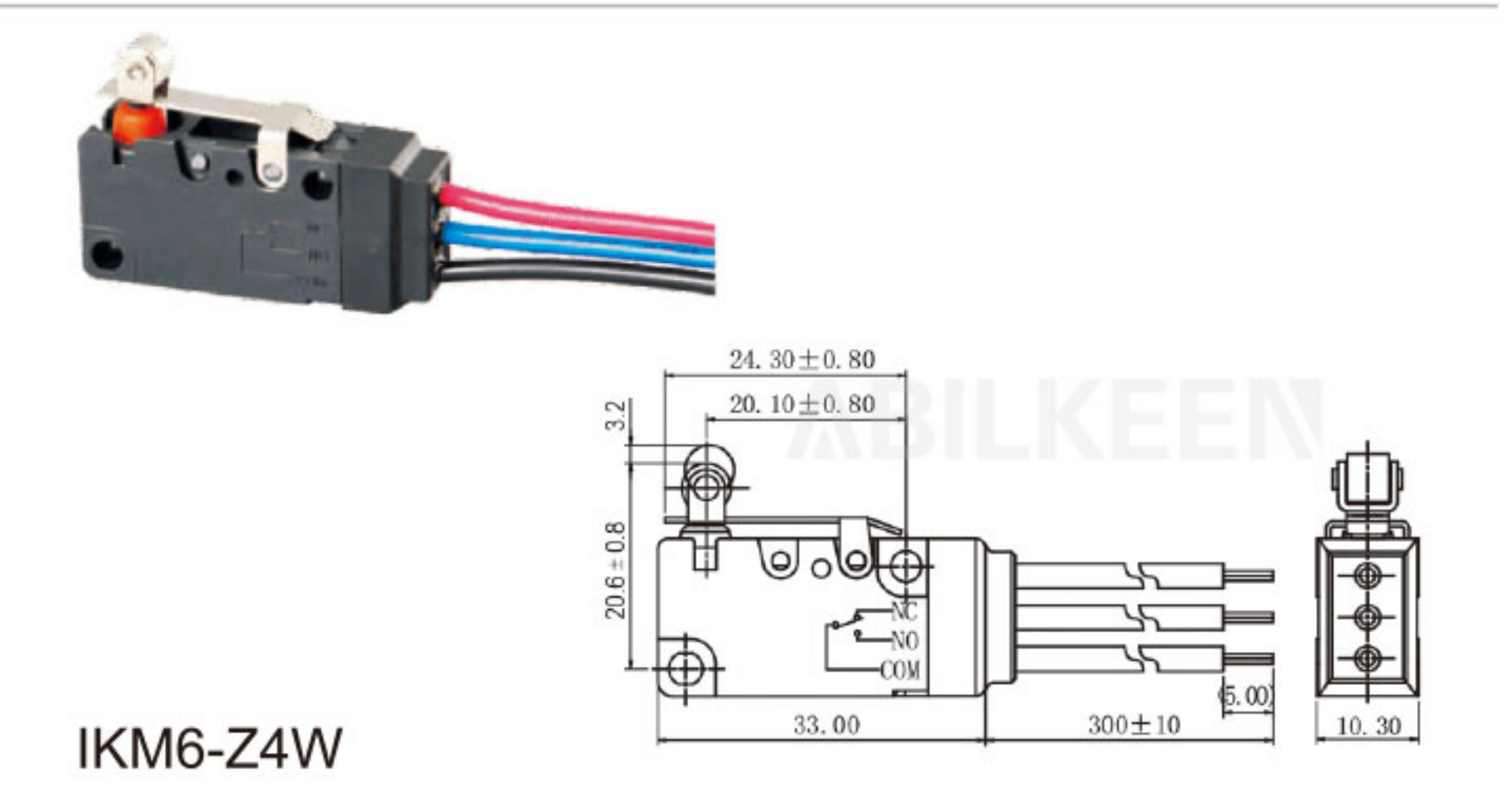
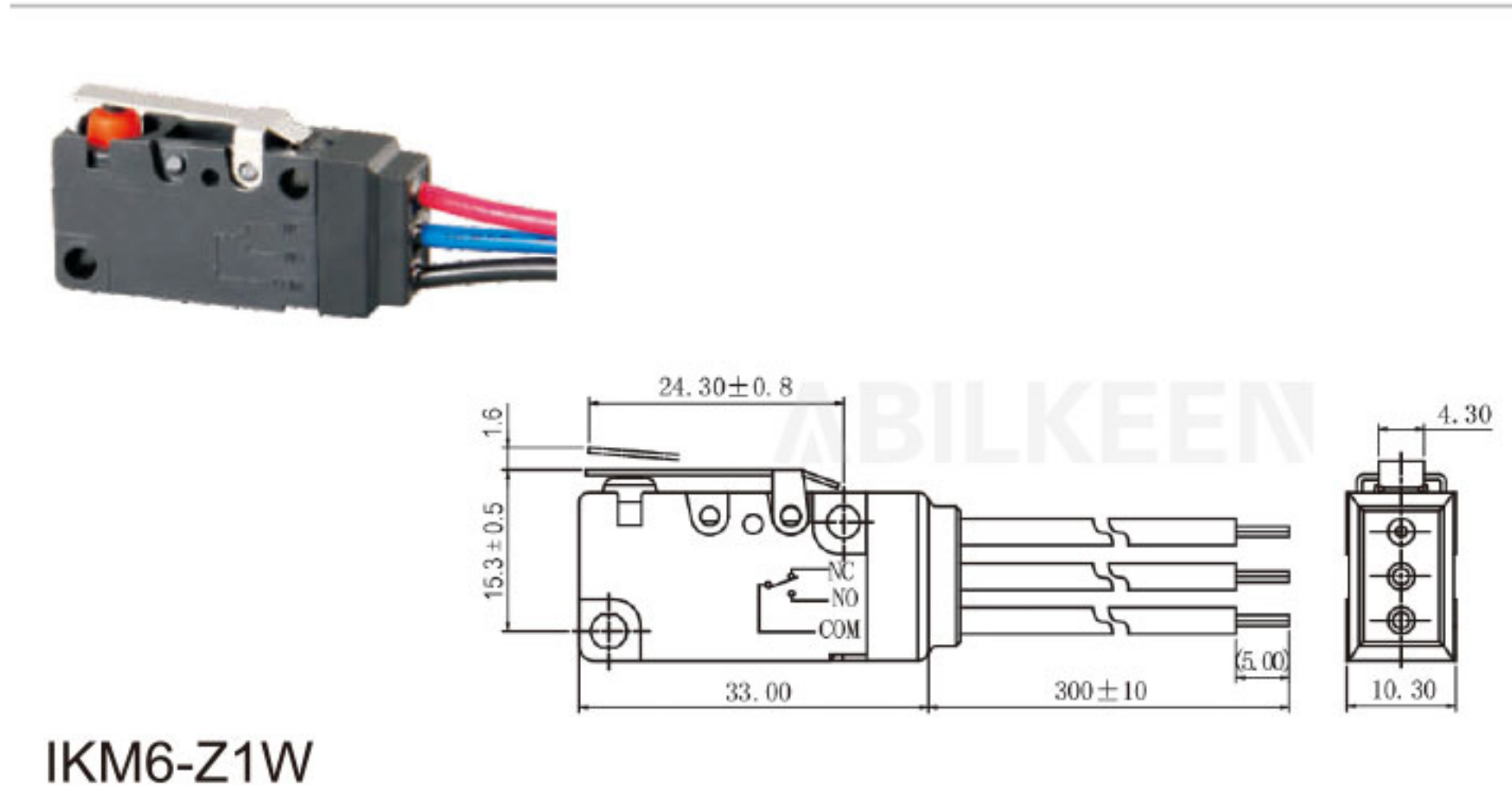
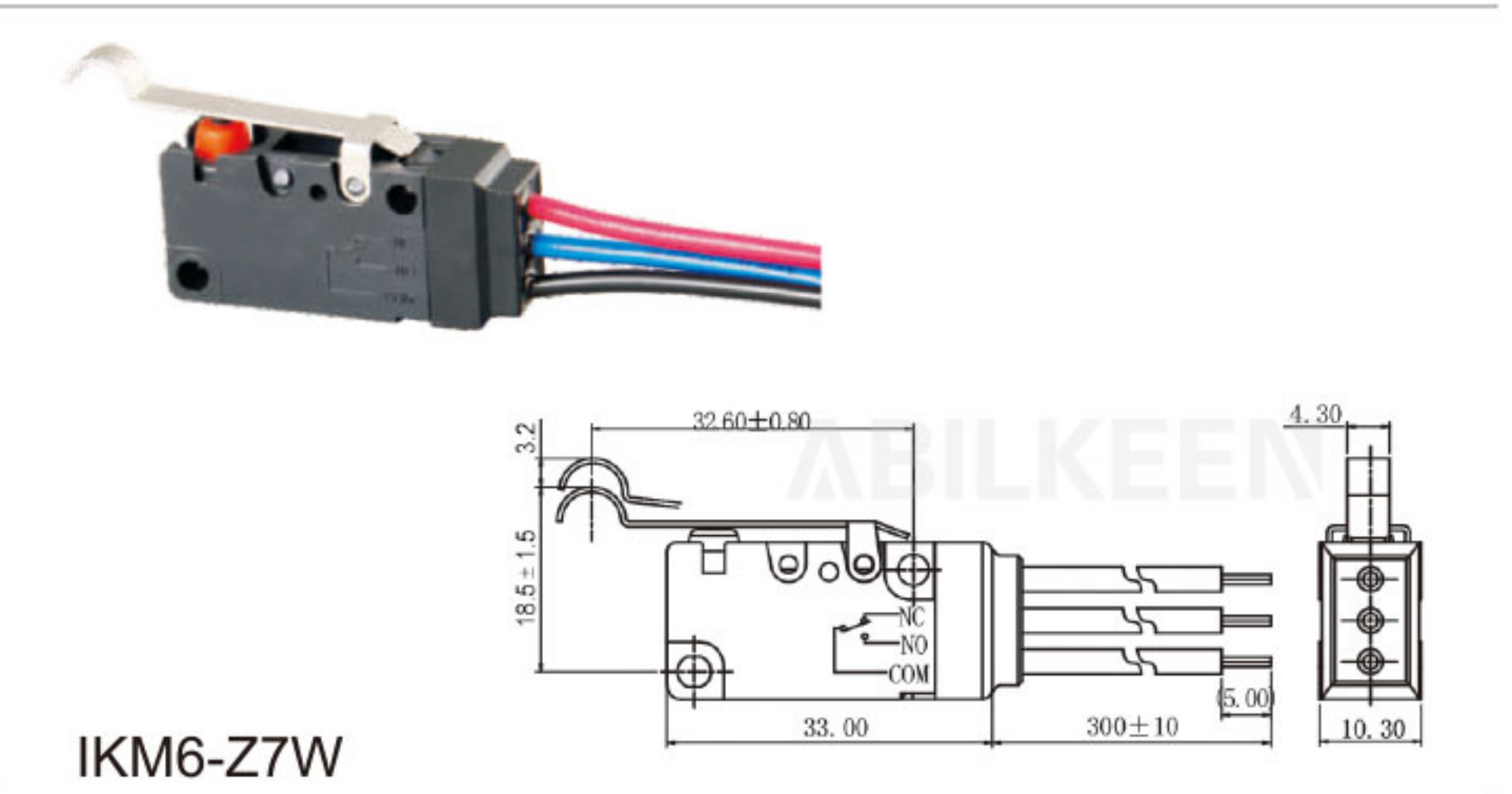
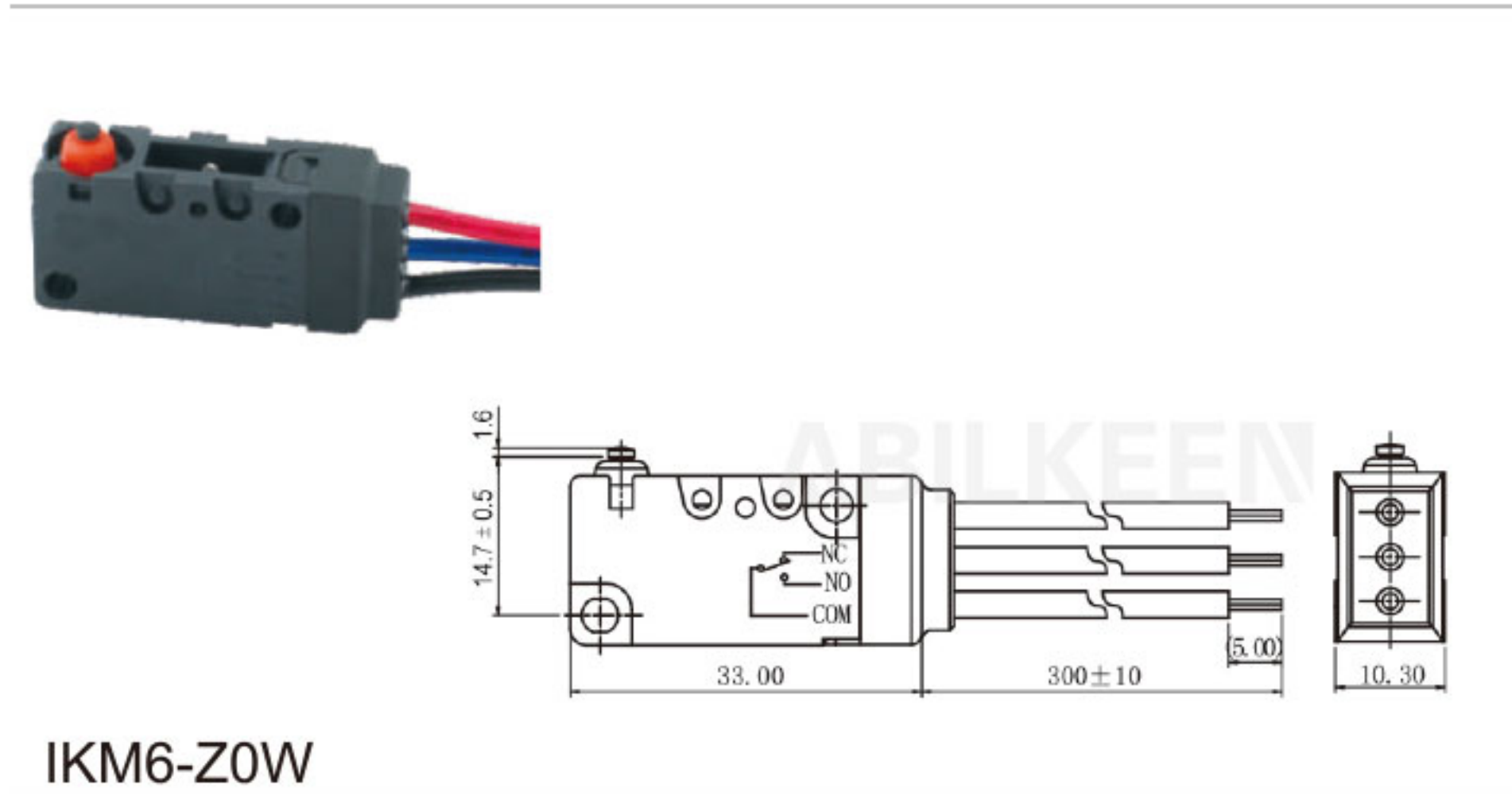
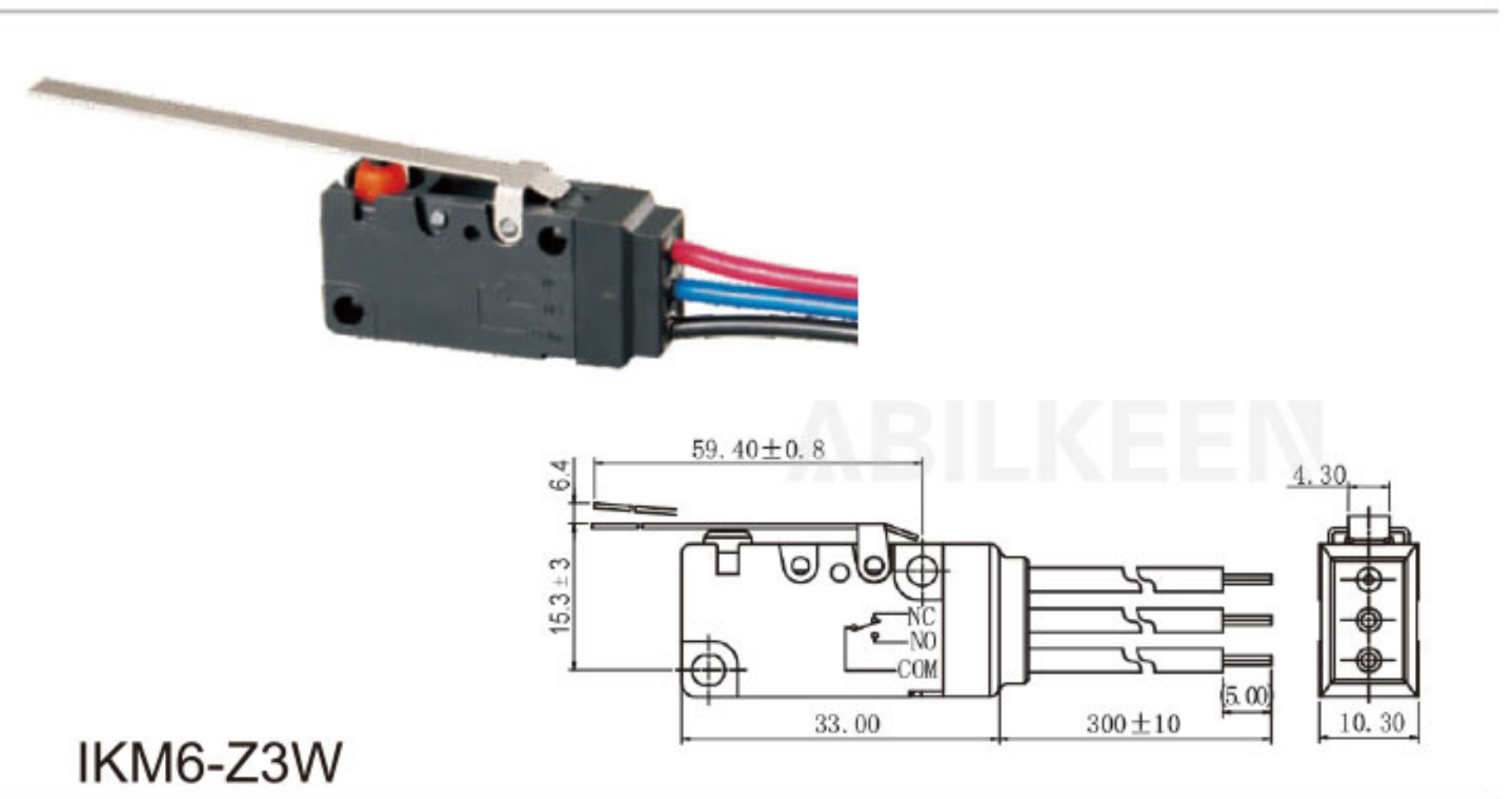
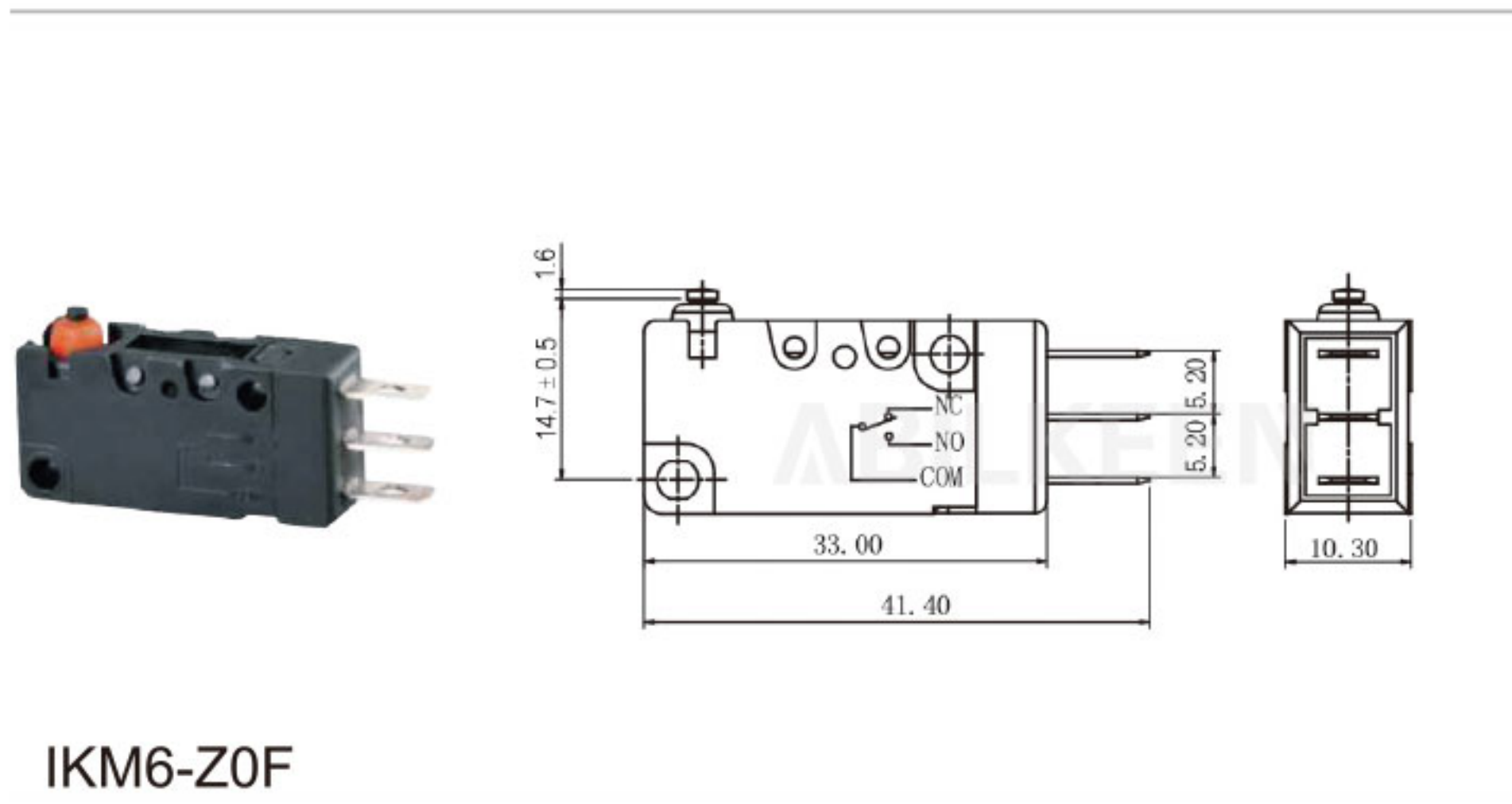
### Circuit illustration 接触形式说明图

<p>☒ 转换式 SPDT</p> 	<p>☒ 常开式 SPST-NO</p> 	<p>☒ 常闭式 SPST-NC</p> 
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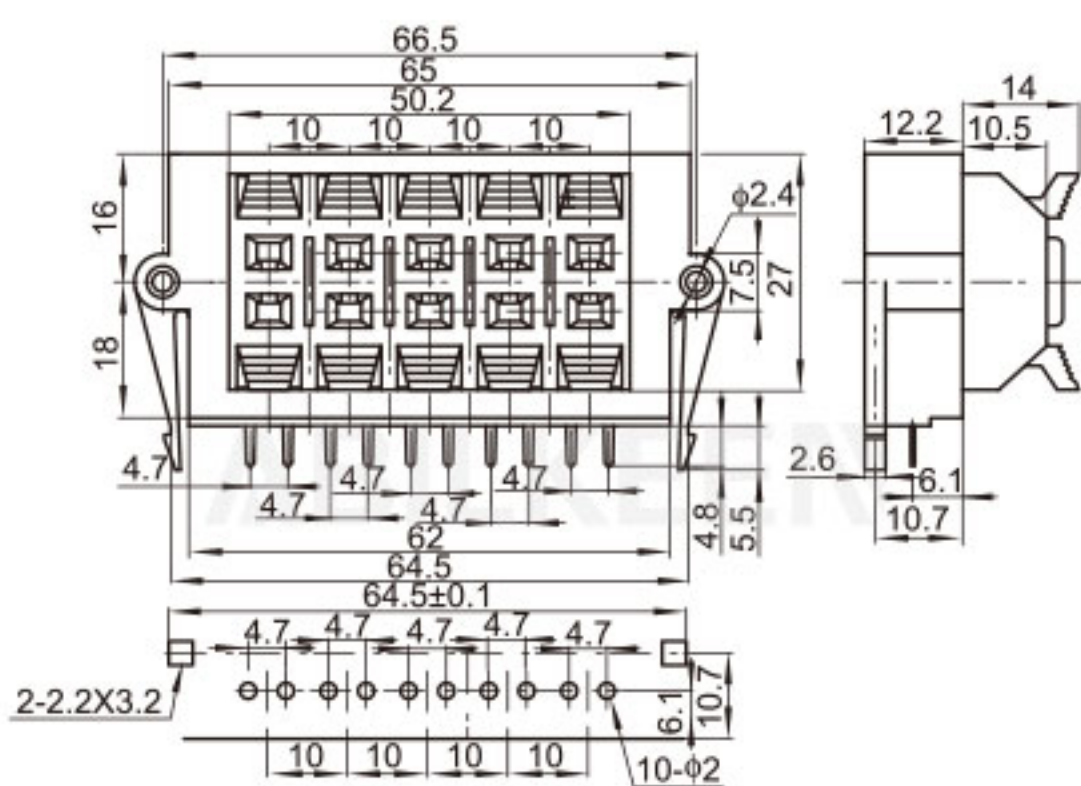
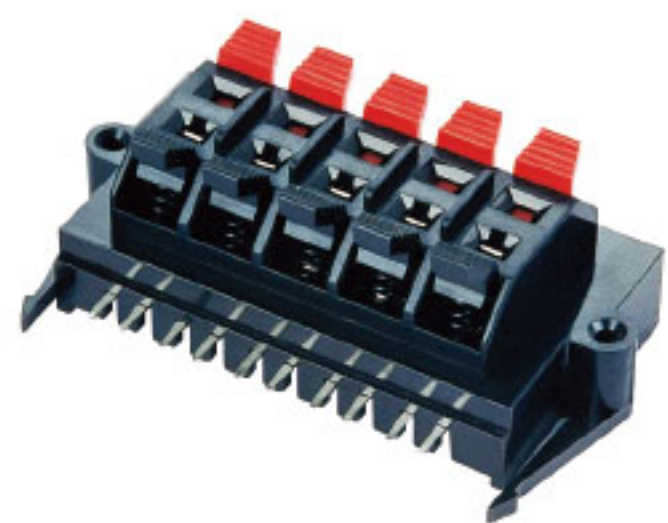
### Mounting hole dimensions 安装孔尺寸











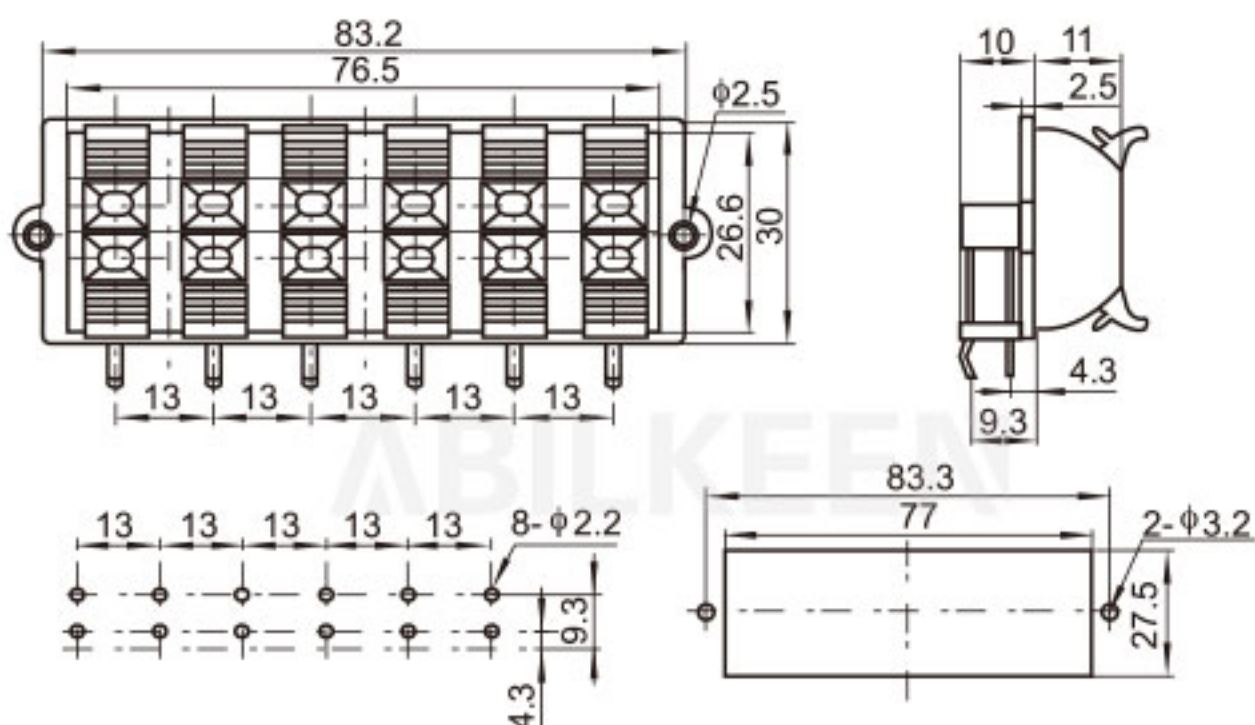
WP-112



KZ-8107



KZ-8108



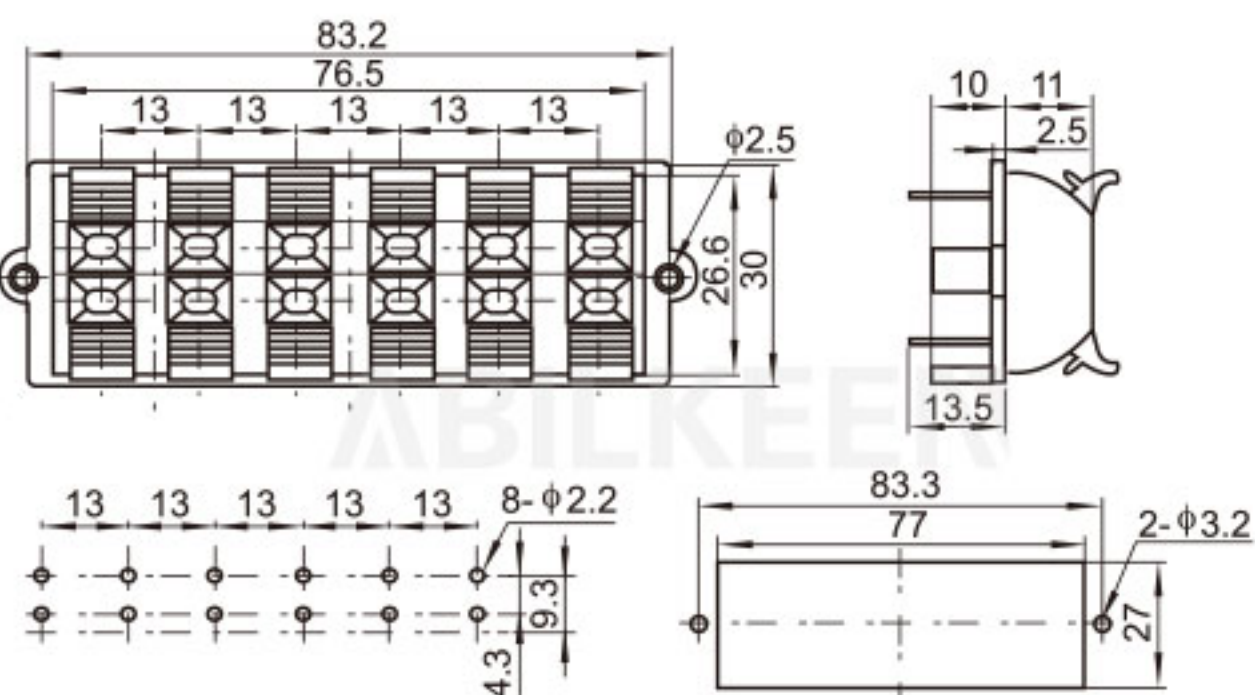
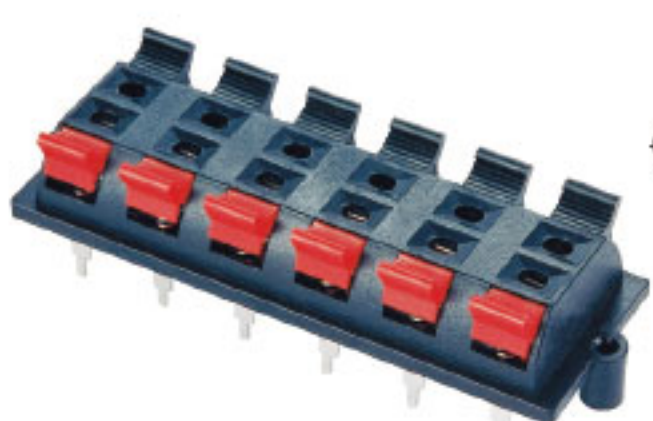
WP-113



KZ-8111



KZ-8112



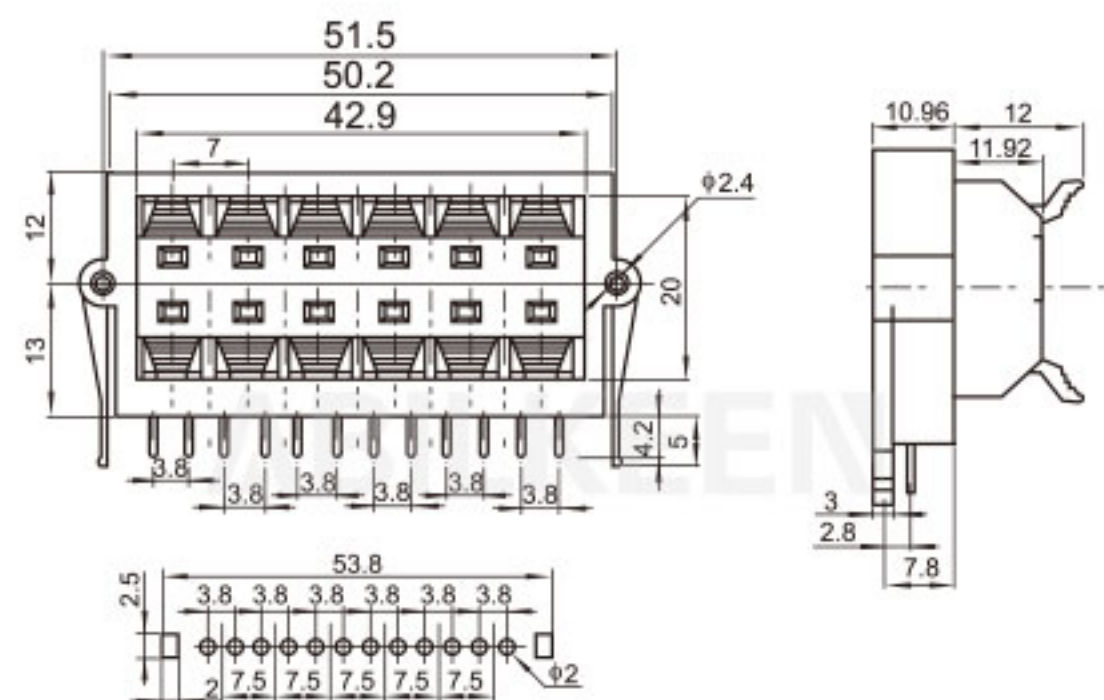
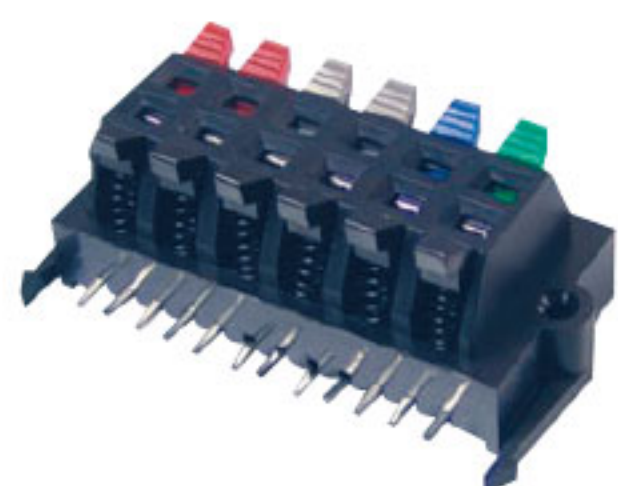
WP-114



KZ-8122



KZ-8166



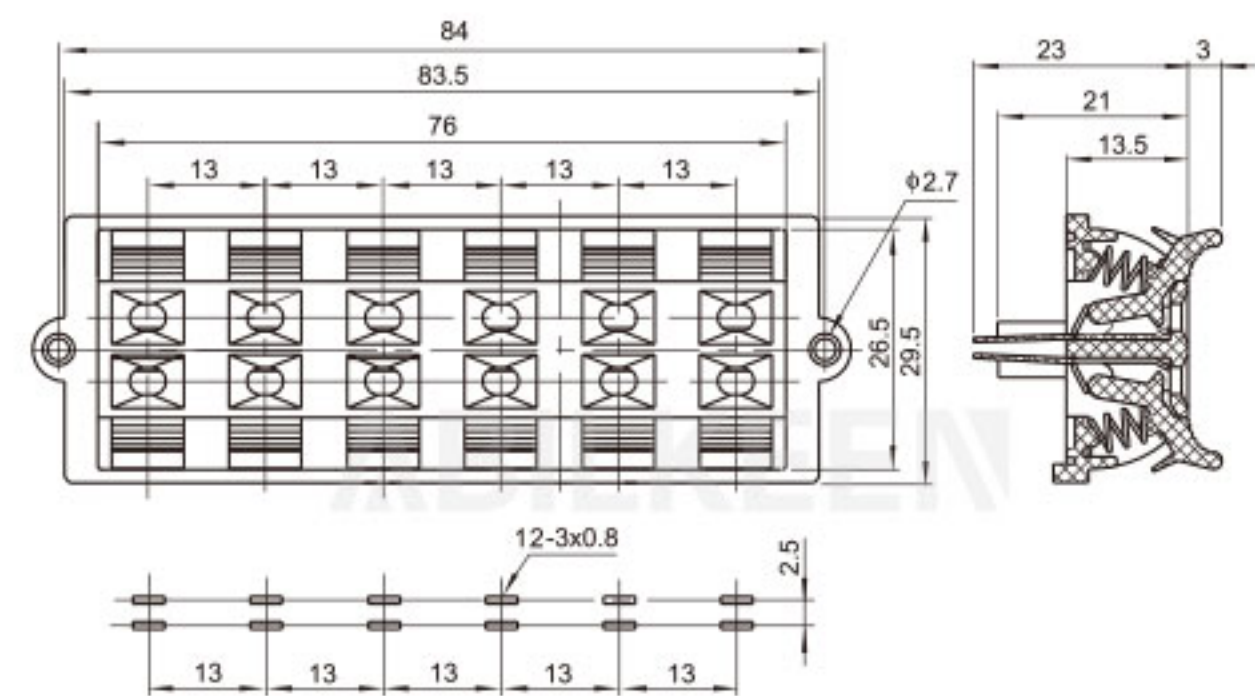
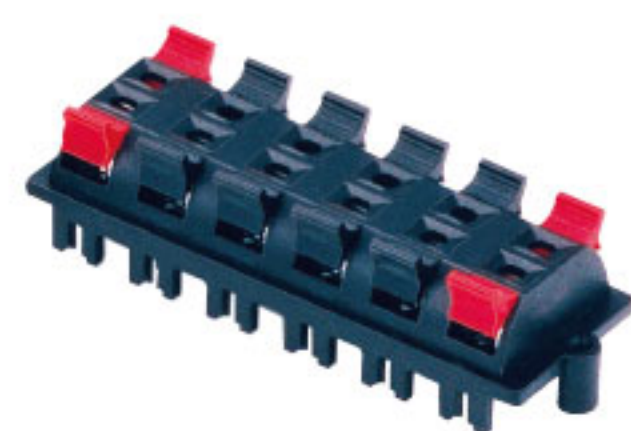
WP-115



KZ-8167



KZ-8168



WP-118



KZ-8169



KZ-8112SL



KZ-8108



KZ-8104

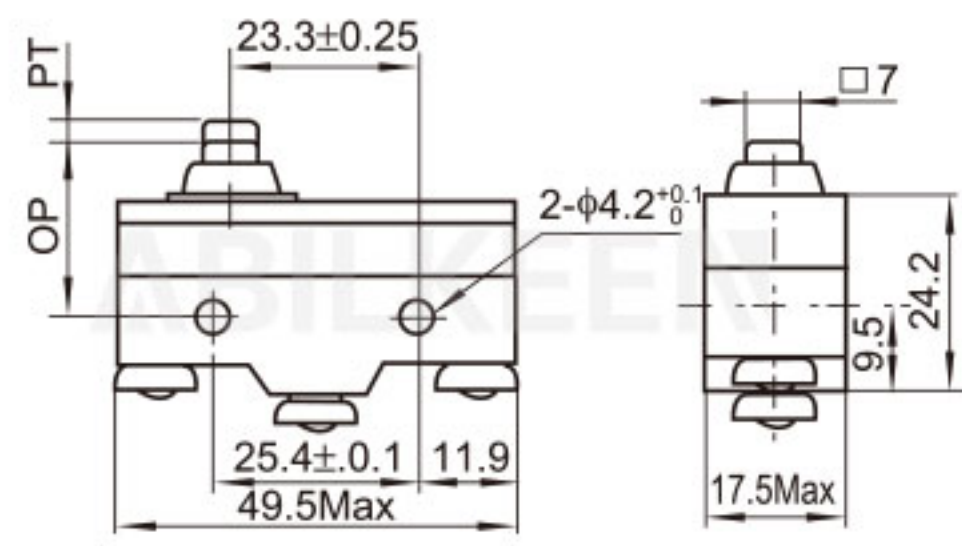


KZ-8112SS

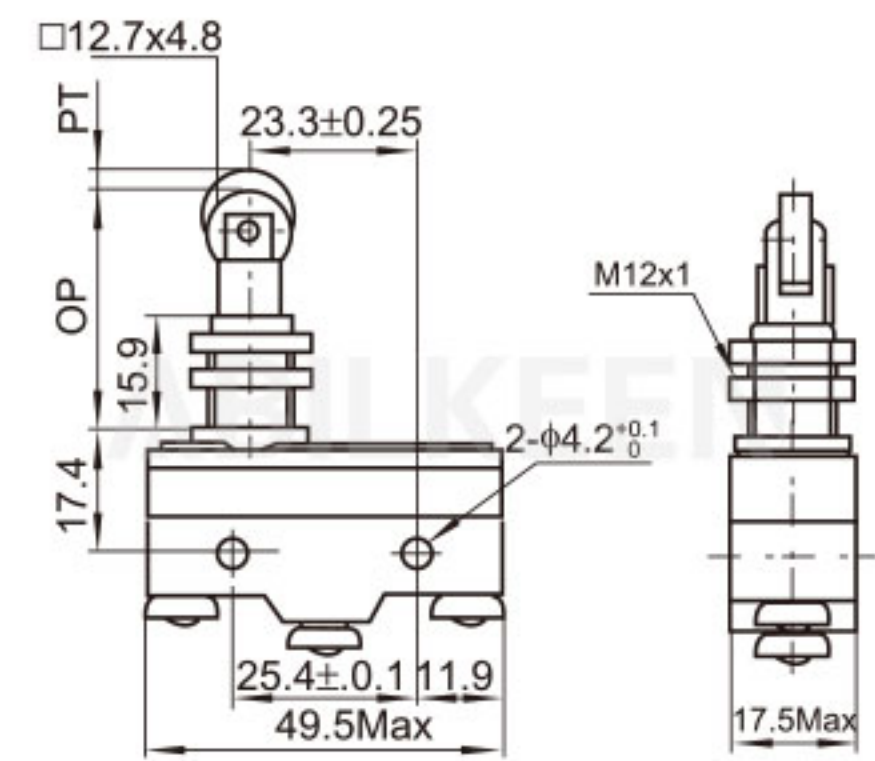


KZ-1001

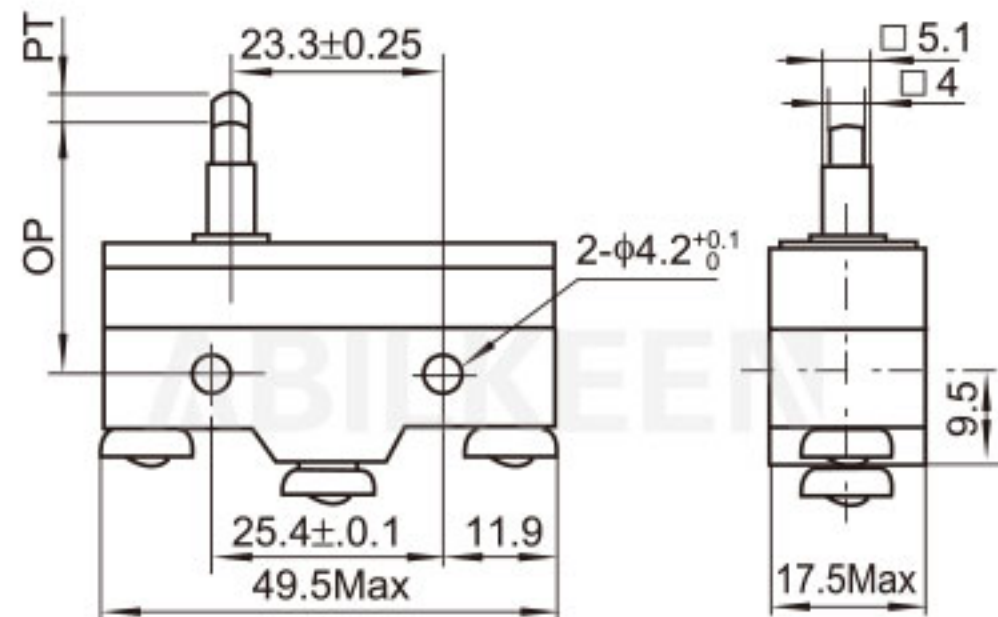




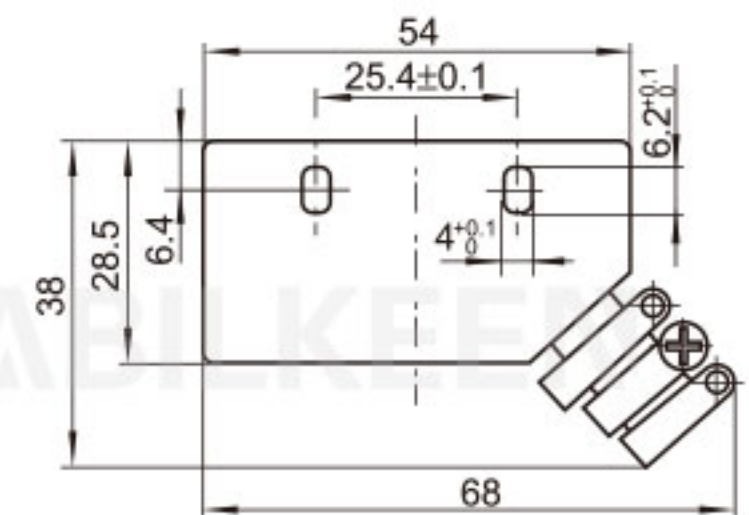
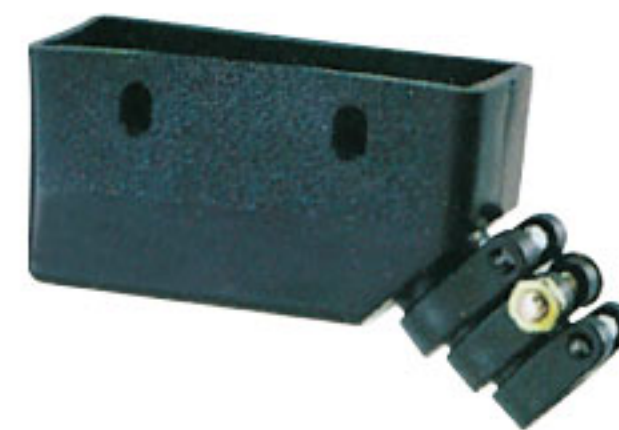
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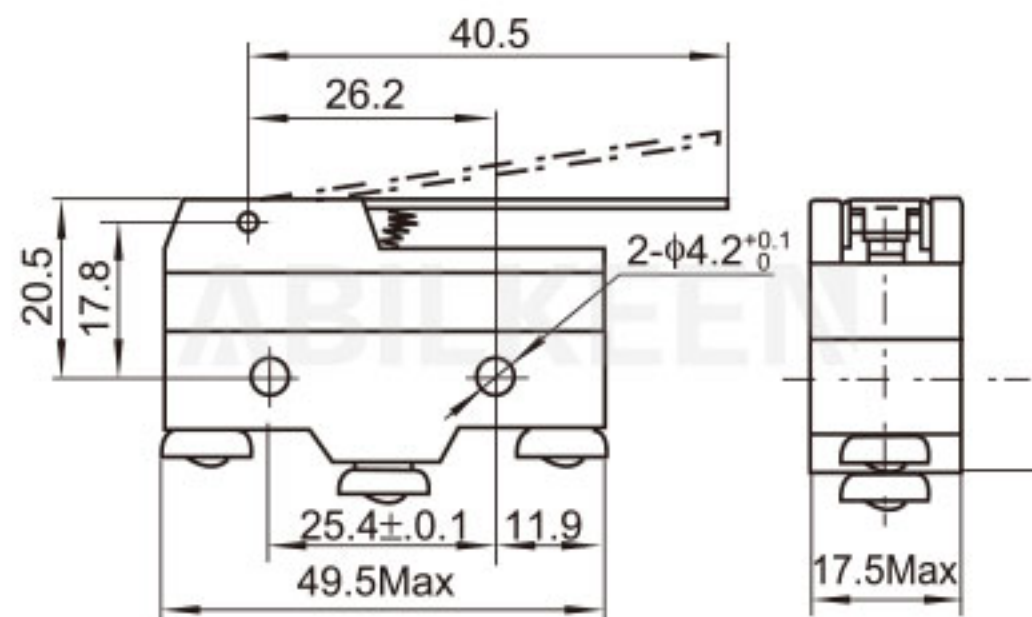
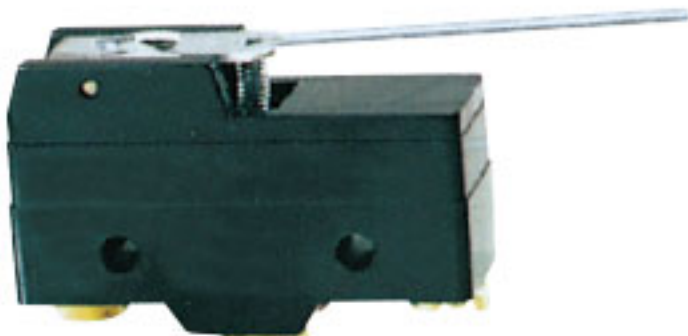
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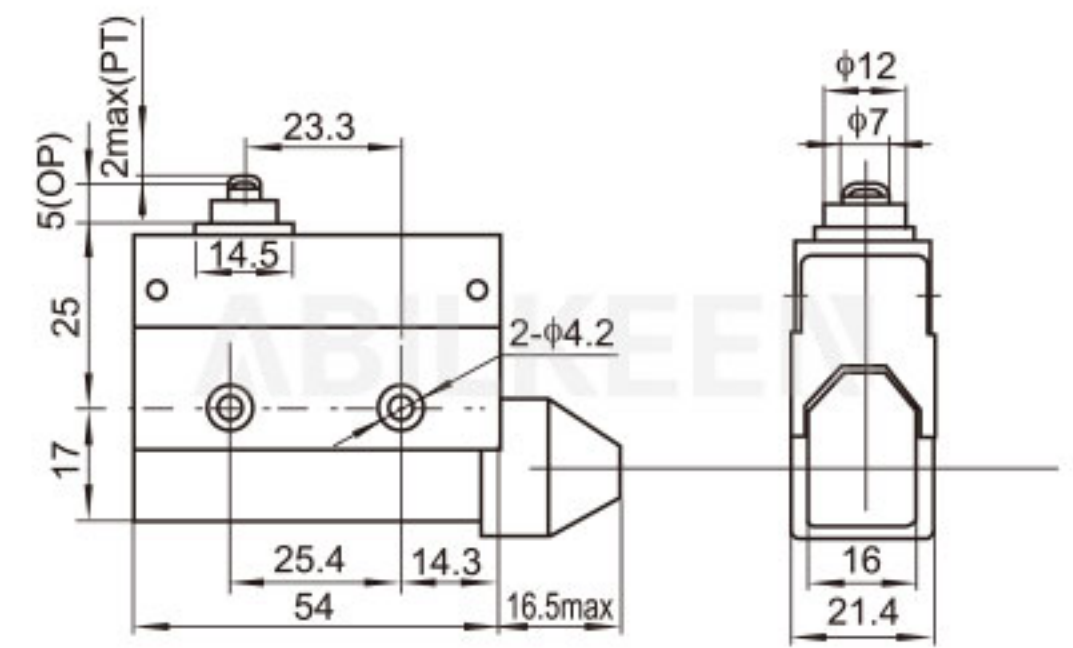
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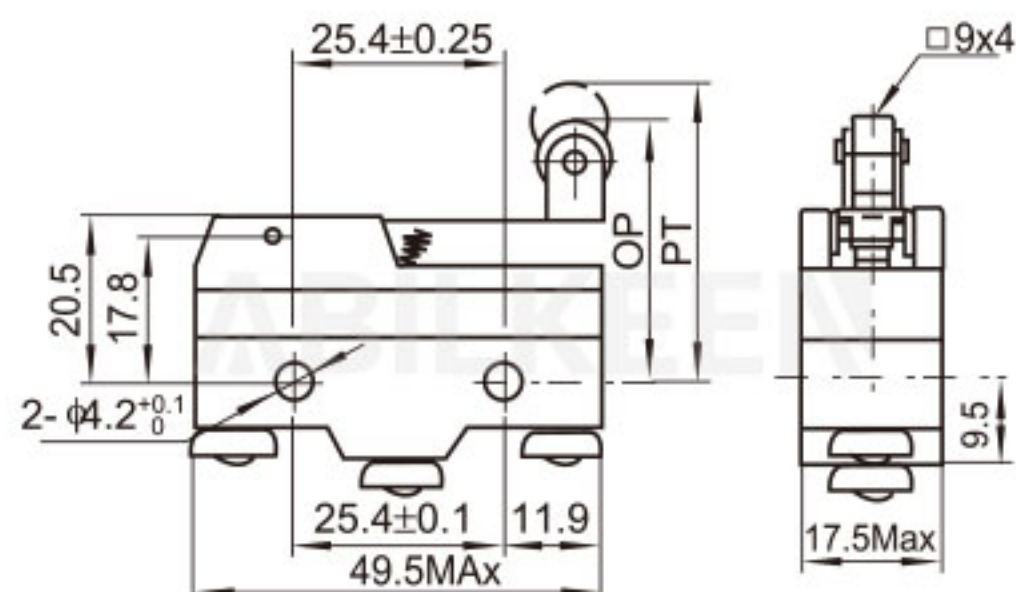
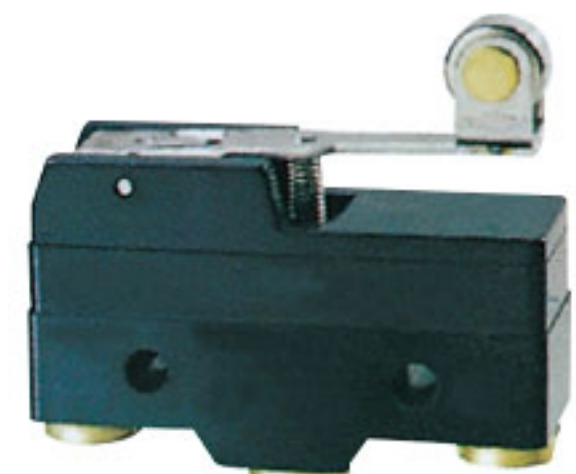
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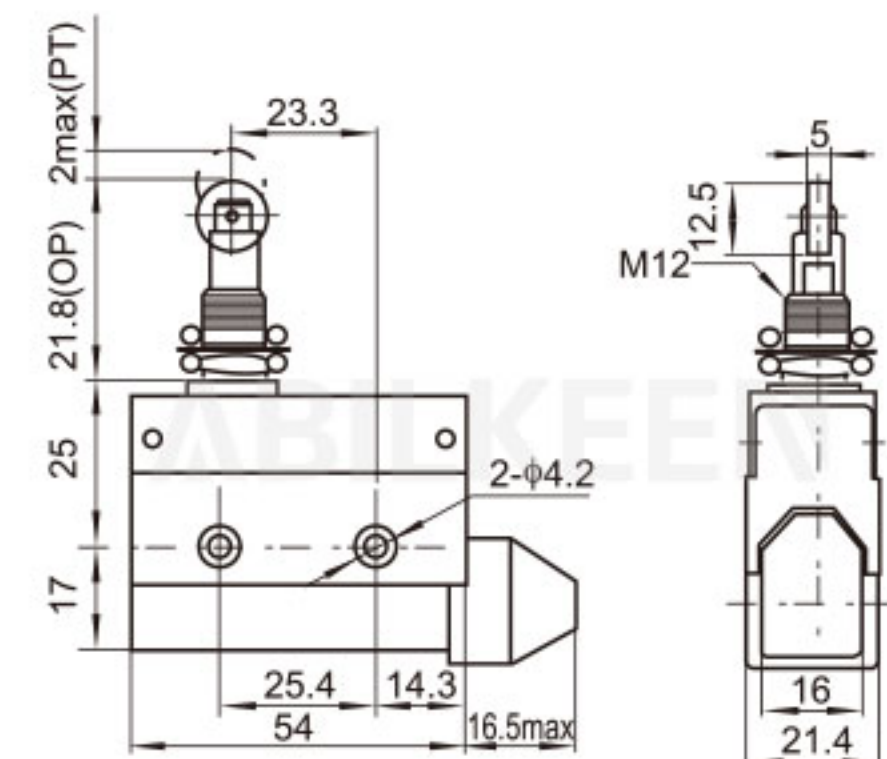
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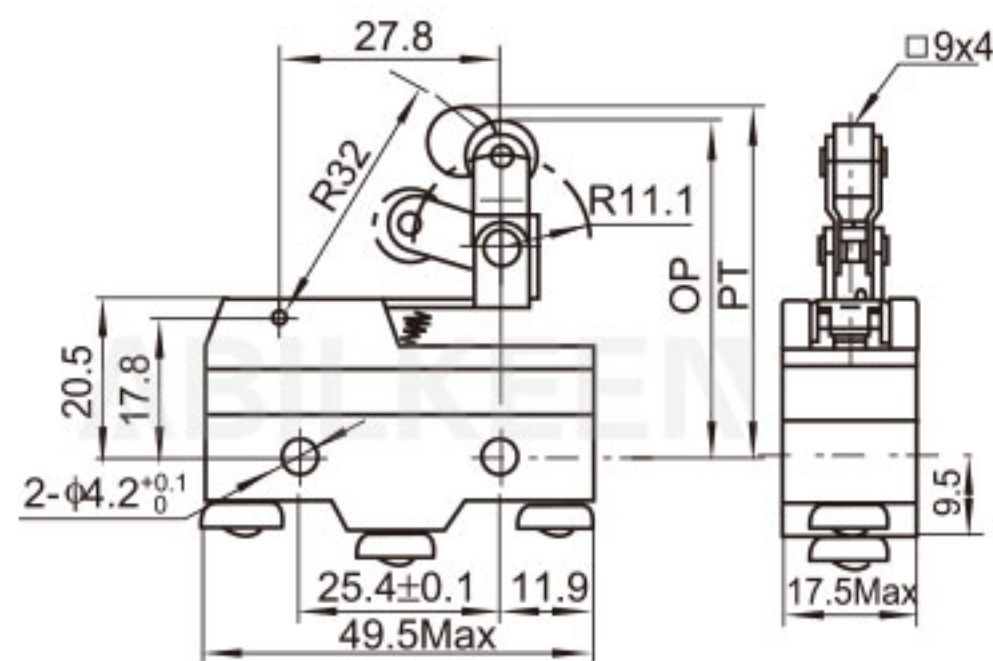
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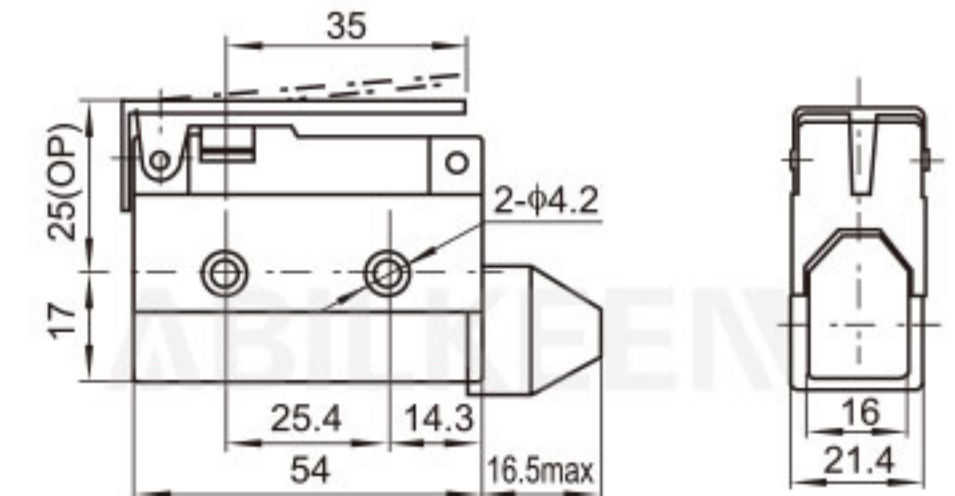
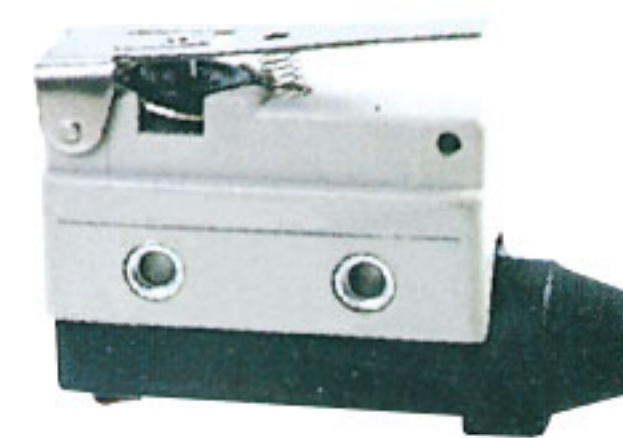
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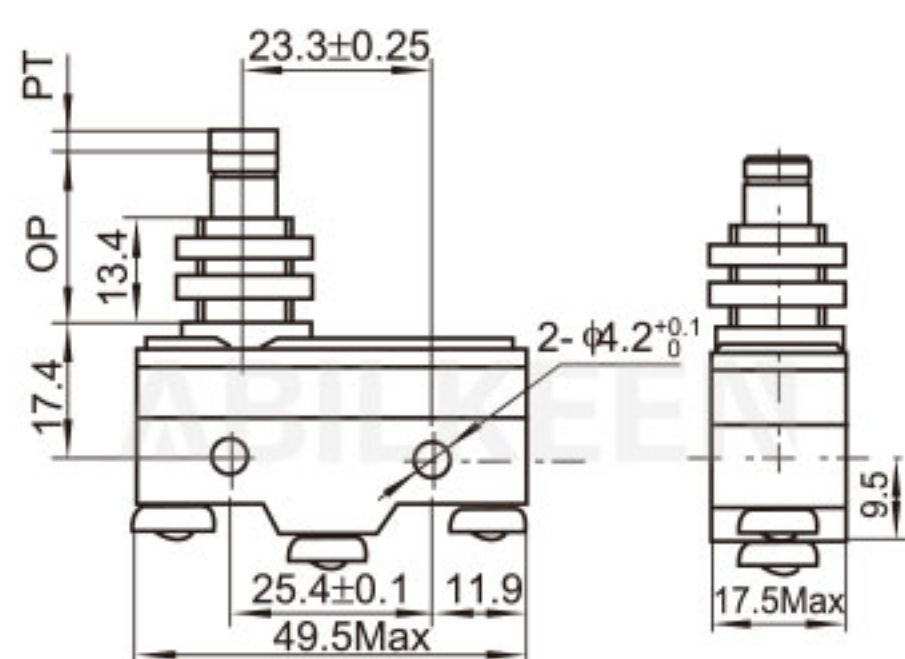
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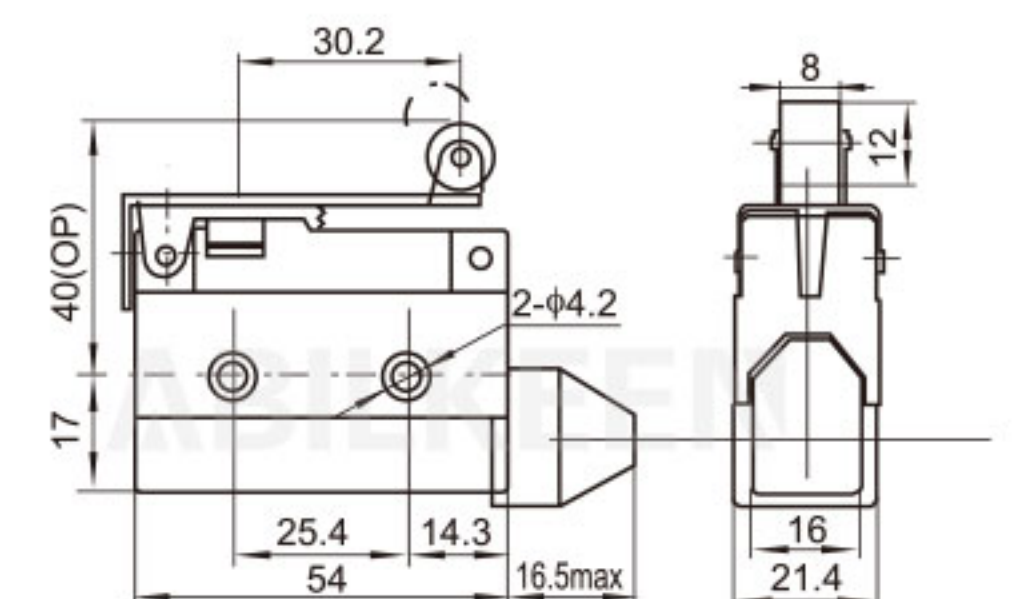
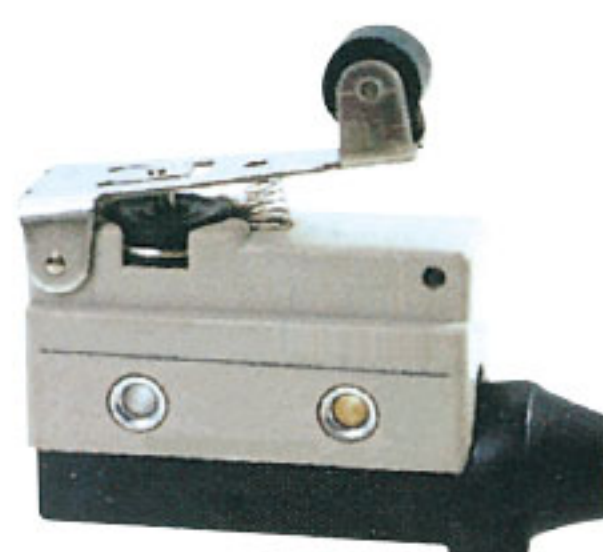
KM-1743



KZ-7140



KM-1307



KZ-7141